

**Canon**

**STILL VIDEO SYSTEM**

**ion RC-560**

**CANON STILL VIDEO CAMERA**

**E** Instructions

**Hi V F**  
PAL

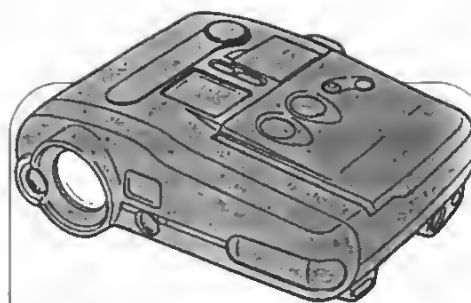


# Introduction

Thank you for purchasing the Canon Still Video Camera RC-560. Before you begin to use it, please read this manual and familiarize yourself with all its features.

# Unpacking

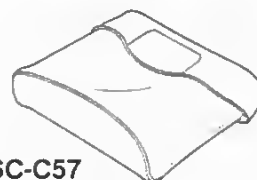
Your still video camera comes with the following items. Please confirm that you have them all as you unpack.



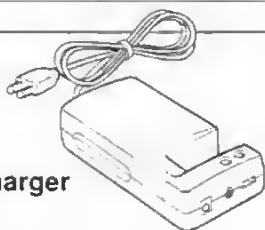
Still Video camera RC-560



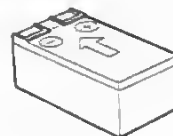
Neckstrap NS-120



Soft Case SC-C57



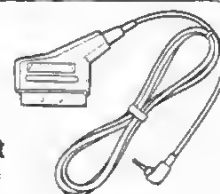
Battery Charger  
BA-24P\*



Battery Pack BP-4P\*



Mini Plug-Pin Cable KE-M2P\*



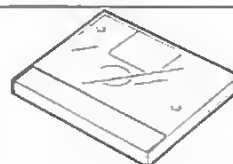
Mini Plug-Scart  
Cable KE-M21\*



PIN-BNC  
Connector\*



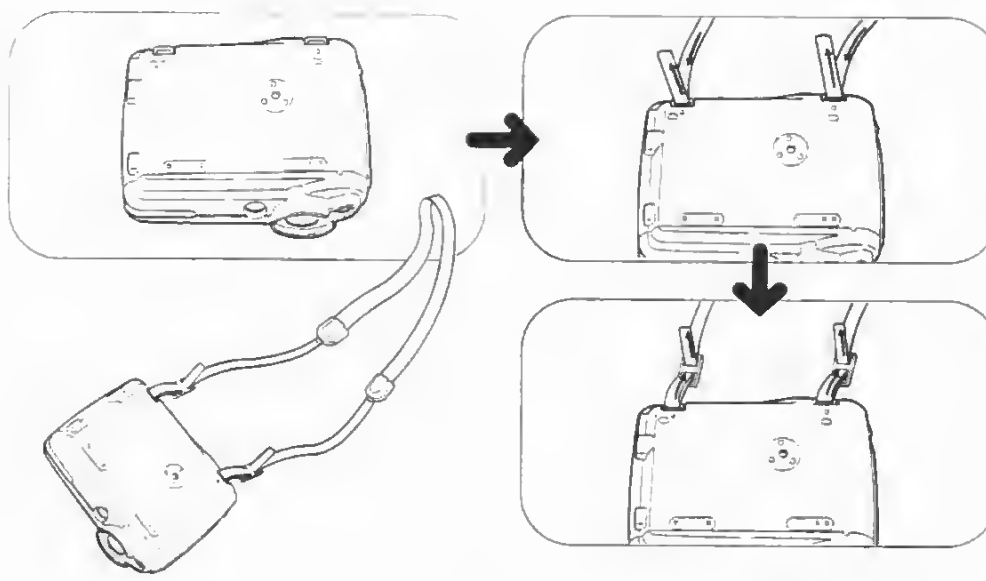
Ferrite core



Video Floppy Disk VF-50\*

\* Also available as options.

## Attaching the neckstrap




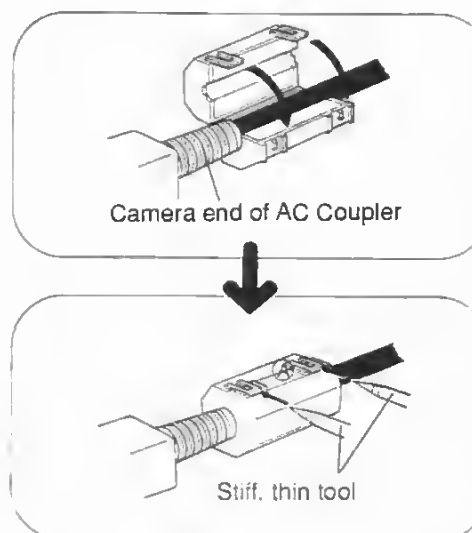
## Attaching the ferrite core

To avoid interference with radio and television reception, be sure to attach the ferrite core, which is included in this package, when connecting the AC coupler AR-560 or AR-260 to the Still Video Camera RC-560.

### (Attaching the ferrite core)

1. Align the ferrite core to the camera end of the AC Coupler cable.
2. Tightly fasten the ferrite core.

\* To remove the ferrite core, push up the flanges with a stiff, thin tool while pressing on .



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### Introduction

#### Meet Your Still Video Camera

#### 1. Before You Shoot

#### 2. Shooting Pictures

#### 3. Advanced SV Shooting Techniques

#### 4. Erasing Unwanted Pictures

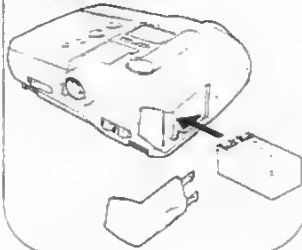
#### 5. Viewing Pictures

#### Appendix

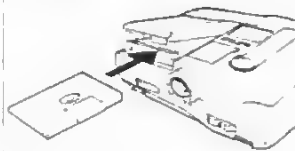
# Quick Guide

## Taking Pictures (Regular Shooting)

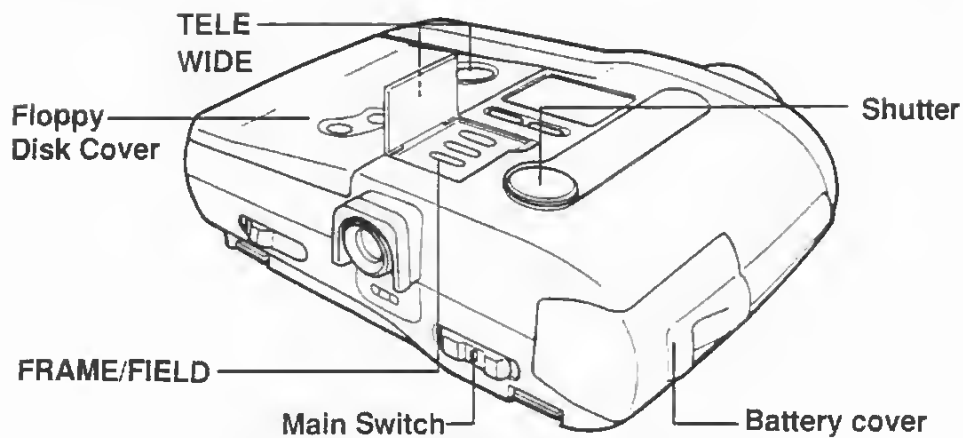
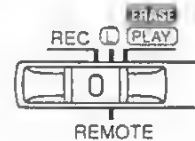
- 1** Insert the Battery Pack BP-4P



- 2** Insert video floppy disk



- 3** Move the main switch to REC



- 4** Choose frame or field shooting format.

Your camera is now in single shooting mode. If you need to change shooting mode, see "Choosing the shooting mode and lens setting" on page 37.

- 5** Lock through the viewfinder and compose your picture.

If you need to zoom in or out, press TELE button or WIDE button.

- 6** Press the shutter button halfway. When the subject is in focus, a green lamp will light.

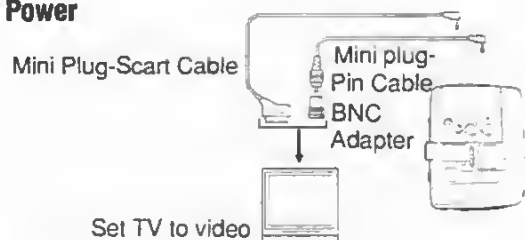
**Press the shutter button all the way to take the picture.**



# Viewing Pictures

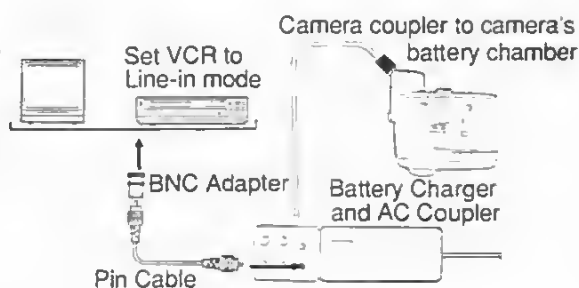
- 1** Connect the camera to a TV.  
Choose from the options below.

• **Viewing on Battery Power**



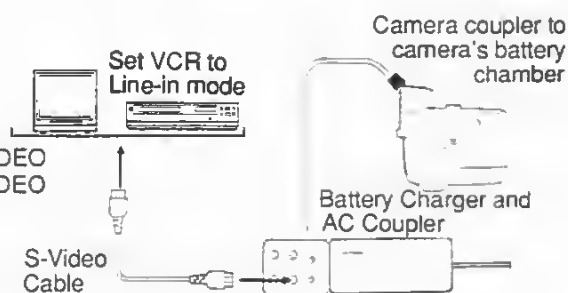
• **Viewing on AC power ...  
... Video-In terminal**

Set the TV/VIDEO  
selector to VIDEO



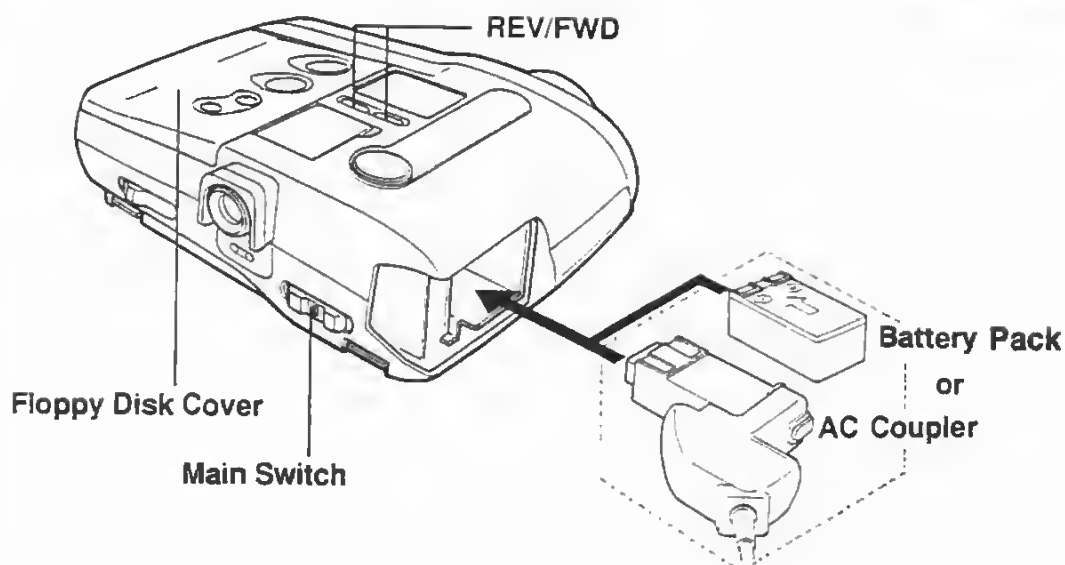
• **Viewing on AC power ...  
... S-Video-In terminal**

Set the TV/VIDEO  
selector to VIDEO

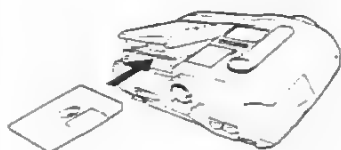


For details, see page 70-72 .

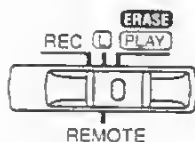
# Quick Guide



- 2** Insert the video floppy disk on which you have recorded pictures in the camera.



- 3** Move the main switch to **PLAY/ERASE**.  
The lowest recorded track number appears on the display panel.



- 4** To see the next picture, press **FWD**.  
To return to an earlier one, press **REV**.



For details, see page 74.



# **Your Still Video Camera and Option Features**

Introduction

# Canon Still Video Camera RC-560

## •Quality Images

The Canon Still Video Camera RC-560 offers frame as well as field shooting, for higher image quality. Frame mode is a more precise way to record images, since each image has twice the data density of a field image. The quality of images is further enhanced by the camera's digital memory and digital signal processing.



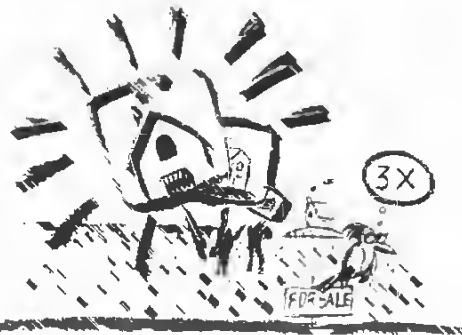
## •All-in-one Design

The Canon Still Video Camera RC-560 is not just a fine camera: it is a playback device, too. And it can erase unwanted images as well. This single compact device is all you need.



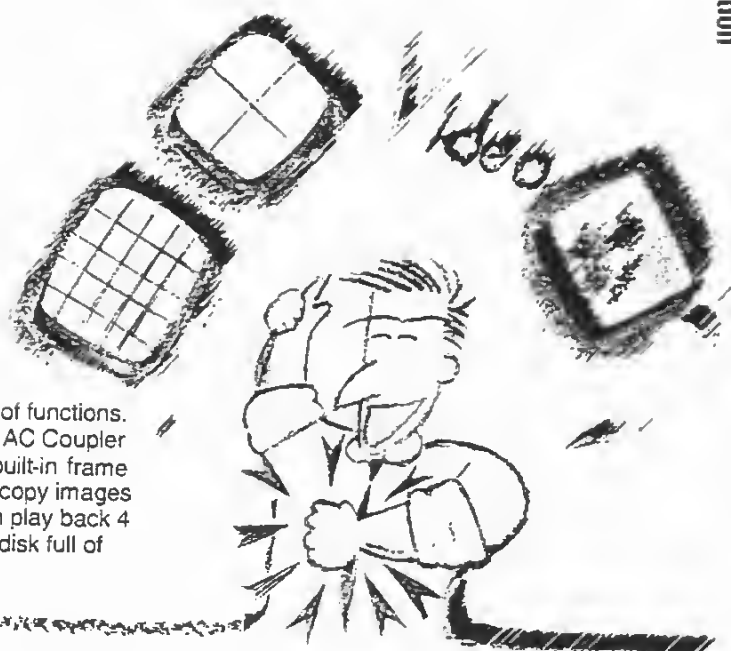
## •Autofocus and 3x Zoom

This camera is the first compact still video camera to offer autofocus and 3x zoom. Zoom in to catch a dramatic action shot, zoom out to put a whole crowd into your picture, *and be confident that your images will always be in focus, automatically.*



### • Multi-function Punch

Your camera offers a wide range of functions. For instance, when used with the AC Coupler and the Wireless Controller, its built-in frame memory lets you edit disks, even copy images from one disk to another. You can play back 4 or 25 images at once, or a whole disk full of images at regular intervals.



### • Broader Image Sources

The AC Coupler even lets you grab images from external sources. You can copy images from a video cassette, for instance. With the AC Coupler and the Wireless Controller, in fact, your Canon Still Video Camera can become the exciting core of an integrated image system.

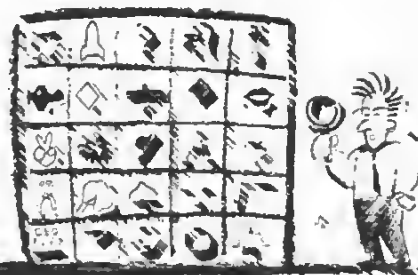


# Option

## ● AC Coupler AR-560 and Wireless Controller WL-C39

### ● Multi-Image Playback

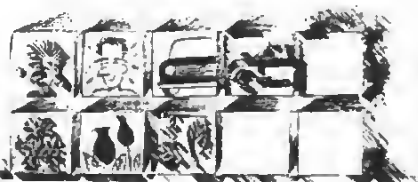
With the AC Coupler and Wireless Controller, you can play back images 4 or 25 at a time. Now there's no need for a special output device—a video printer to keep track of your image library. No need to scan through all your images to find that special one: at a press of the Wireless Controller button, 25 images are displayed on-screen.



### ● Editing

All you need is the AC Coupler, Wireless Controller, and your camera to edit your video floppy disk.

Single image dubbing feature lets you copy the images onto a single disk or rearrange images. You can even create separate disks by topic or share your images on disk with someone else. When you've erased an image you don't need, the camera can rearrange the images on the disk to fill its track in, giving you another track on which to record.



### •Recording from an External Source

With the AC Coupler and Wireless Controller, you can capture clean images from full-motion video or other video signal sources.\*

**\*Note:** Unauthorized recording from commercial sources may be in violation of the copyright laws.



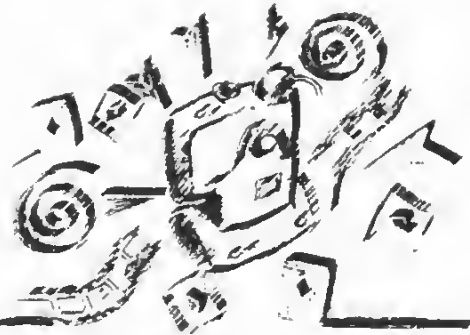
# Option

## ● Film Adapter

### ● Emulsion to Electronic Images

Simply place the negative or slide film in the Film Adapter, check it on screen, and press the button: your image will be recorded on the camera's video floppy disk.

Need to assemble a presentation in a hurry, but don't have slides? The Film Adapter handles negative/positive reversal at the touch of a button.



### ● Editing and Organizing Images

With the Film Adapter, you can edit your film library as you transfer it to electronic form. Select only the shots you really need. Organize them by topic or date. And be confident, thanks to multi-image playback, that you can find them again quickly.

Your camera's 3x zoom function lets you zoom in to select only the part of each image on film that you want. Check as you trim, using a TV monitor.





## ● Wide Converter

The Wide Converter gives your camera the versatility of a 28 mm wide-angle lens. It's ideal when you want to take a group's picture, for instance. But don't forget that wide-angle effects can add emphasis and impact to your images, too. For instance, in recording interiors, standing on a chair to shoot will give a sense of spaciousness, while shooting from low in a corner will suggest soaring ceilings.



## ● Flash Bracket

For the adventurous camera person, the Flash Bracket and external flash unit will give your camera greater authority. External flash can provide more light and illuminate a larger space, to expand your range. Beyond more foot-candles the Flash Bracket gives you access to sophisticated techniques such as bounce lighting, to create softer, shadowless lighting effects. The Flash Bracket is a simple way to extend your options.







# Meet Your Still Video Camera

Meet Your Still Video Camera



**Nomenclature and Functions**

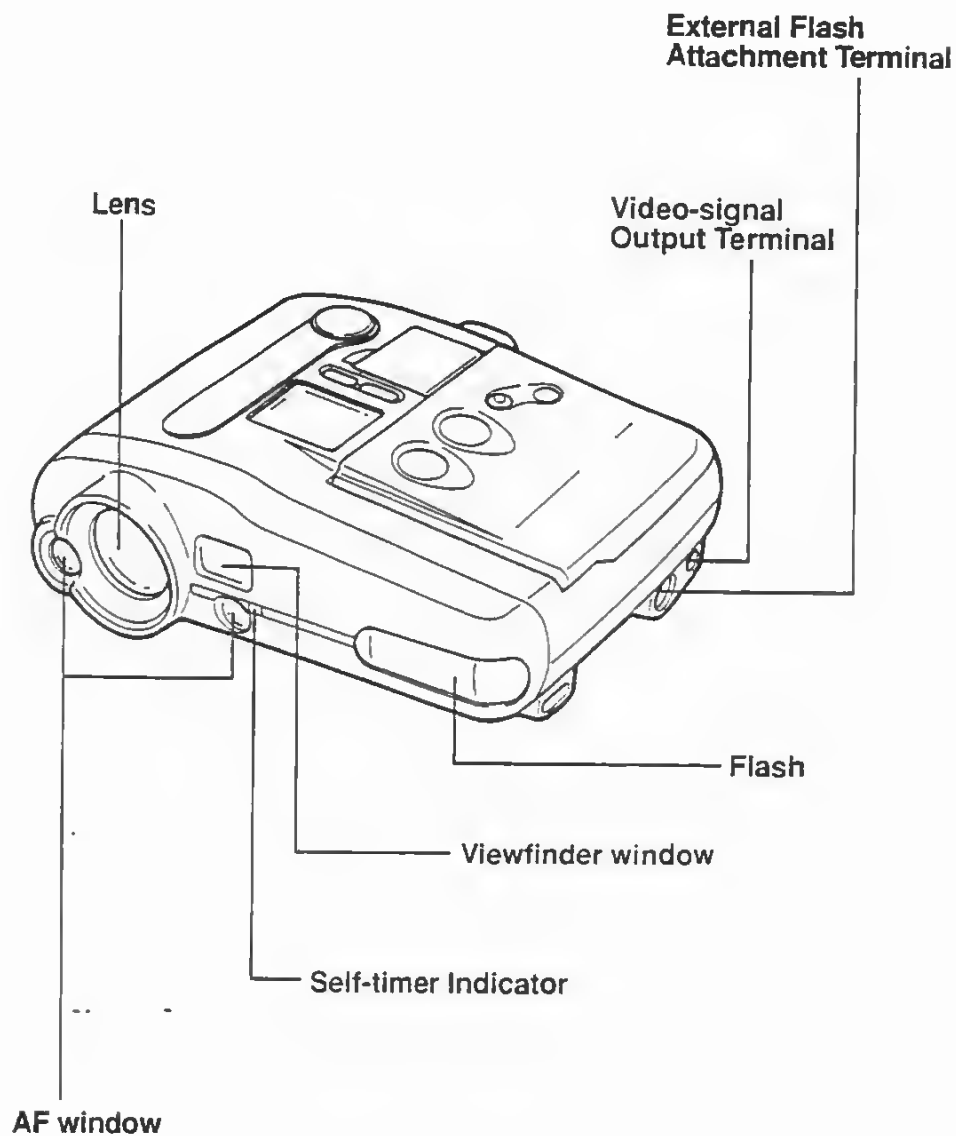
**About the Viewfinder**

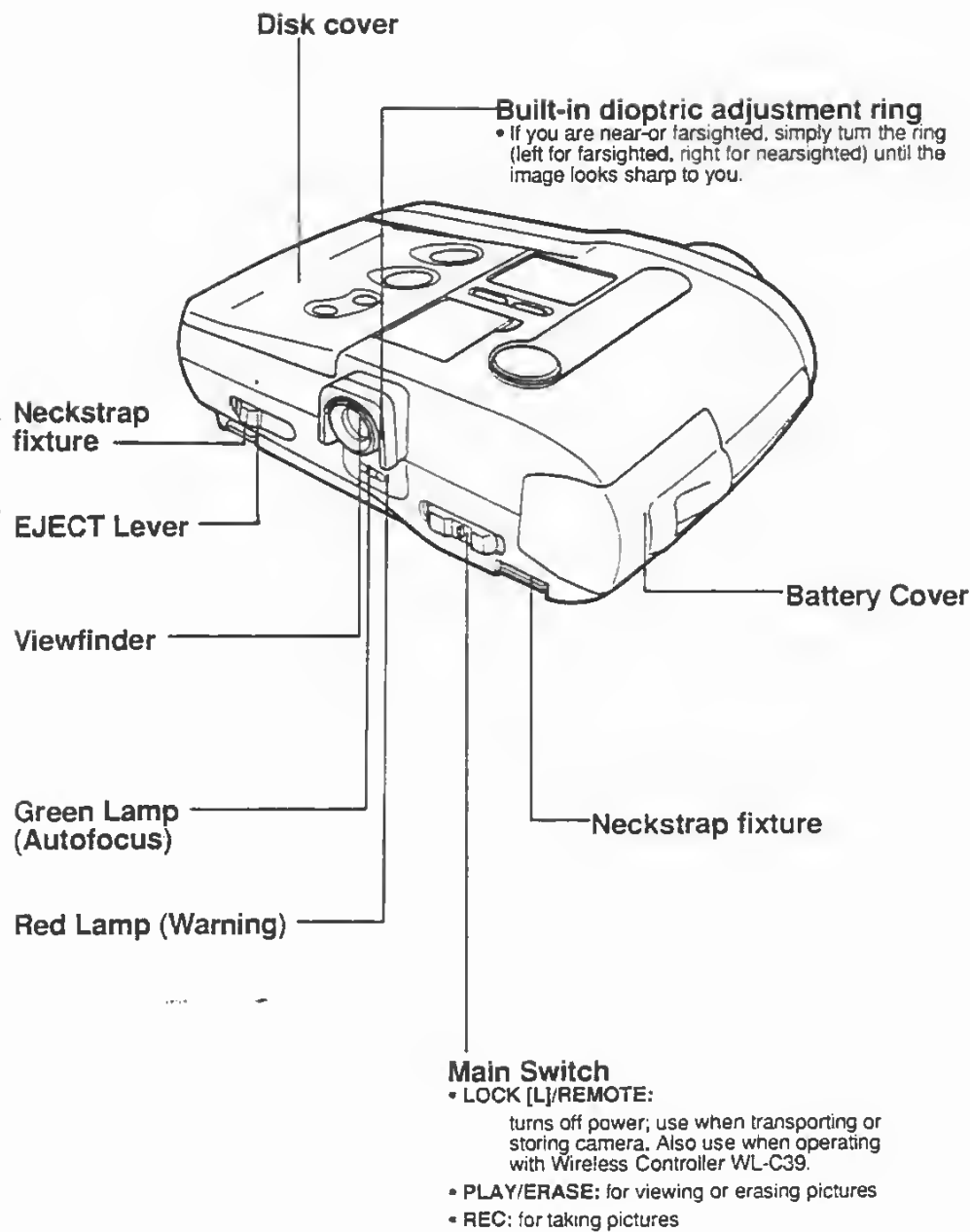
**Display Panel**

**Precautions**

**Video Floppy Disk**

# Nomenclature and Functions

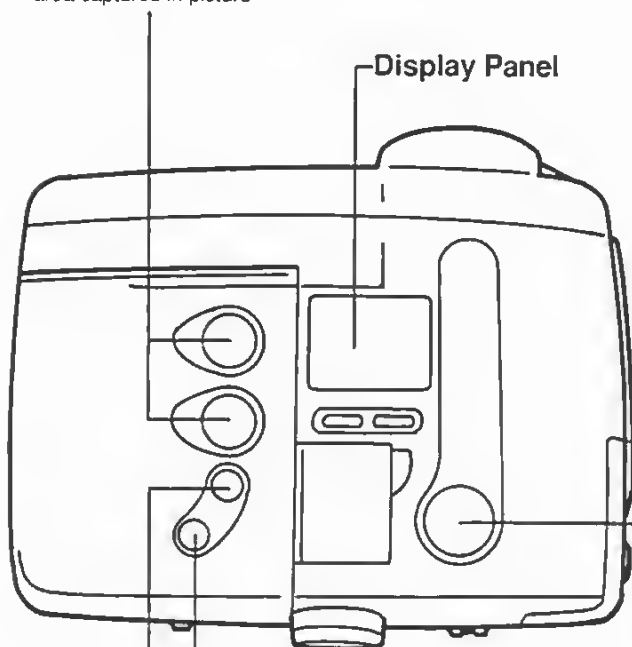




# Nomenclature and Functions


## Zoom Button

- **TELE**  
Press for long focal length (telephoto); subject is larger in picture
- **WIDE**  
Press for short focal length (wide angle); wider area captured in picture



## Display Panel

## Shutter Button

- With main switch on REC, pressing halfway for focus activates autofocus; pressing fully releases shutter.
- With main switch on PLAY/ERASE and MODE/ERASE button held down, pressing shutter button erases the track being played back on the TV screen.
- With main switch on PLAY/ERASE and /ALL ERASE button and MODE/ERASE button held down, pressing shutter button erases all recorded tracks on the video floppy.

## FLASH/INT. PLAY Button

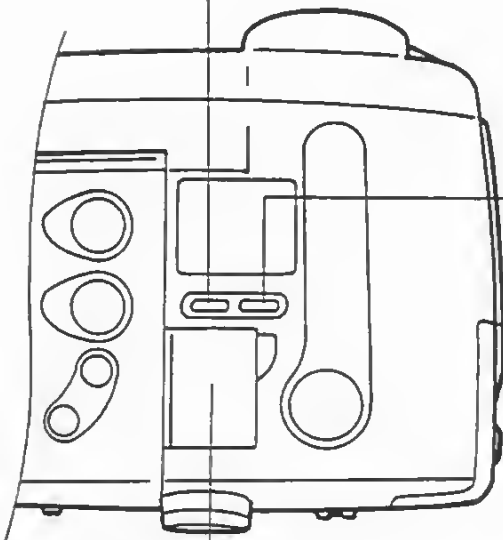
- With main switch on REC, hold down while pressing FWD or REV to turn flash off. Repeat to return to auto flash.
- With main switch on REC, hold down while pressing the shutter button, for forced flash.
- With main switch on PLAY/ERASE, press for automatic playback at 4 second intervals.

## (INSTANT EXPOSURE COMPENSATION)/ALL ERASE Button

- With main switch on REC, hold down while pressing the shutter button for +1.5 step compensation for backlit subject.
- With main switch on PLAY/ERASE, hold down while pressing the MODE/ERASE button and the shutter button to erase all tracks.

### REV Button

- With main switch on PLAY/ERASE, shifts display to next lower track number.
- With main switch on REC and FLASH/INT.PLAY held down, turns flash off or auto.
- With main switch on REC, in interval shooting INT. mode, sets interval, in minutes for shooting.
- With main switch on REC and shutter pressed halfway, searches for next lower empty track (insert shooting).

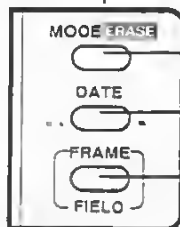


### FWD Button

- With main switch on PLAY/ERASE, shifts display to next higher track number.
- With main switch on REC and FLASH/INT.PLAY held down, turns flash off or on.
- With main switch on REC, in interval shooting INT. mode, sets interval, in minutes for shooting.
- With main switch on REC and shutter pressed halfway, searches for next empty track (insert mode).

### MODE/ERASE Button

- With main switch on REC, press to change shooting mode
- With main switch on PLAY/ERASE, hold down and press the shutter button to erase the picture shown on the TV screen.



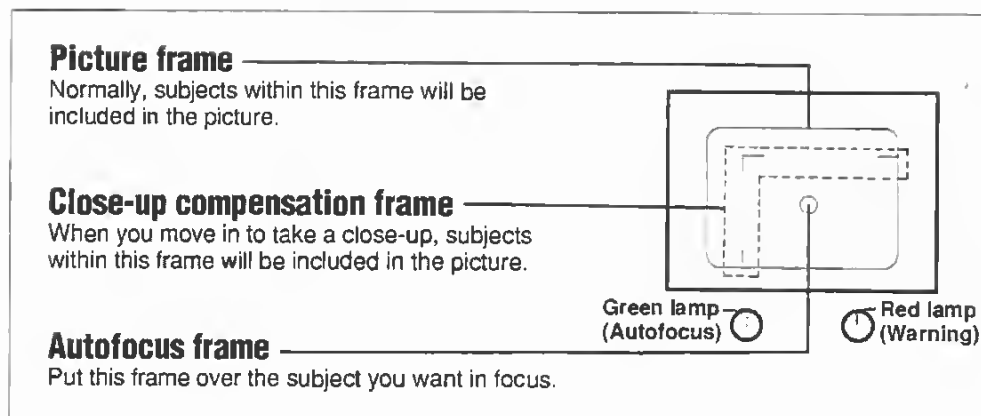
### DATE Button

- With main switch on REC, press to set correct date.
- With main switch on PLAY/ERASE, press to specify date display on TV screen.

### FRAME/FIELD Button

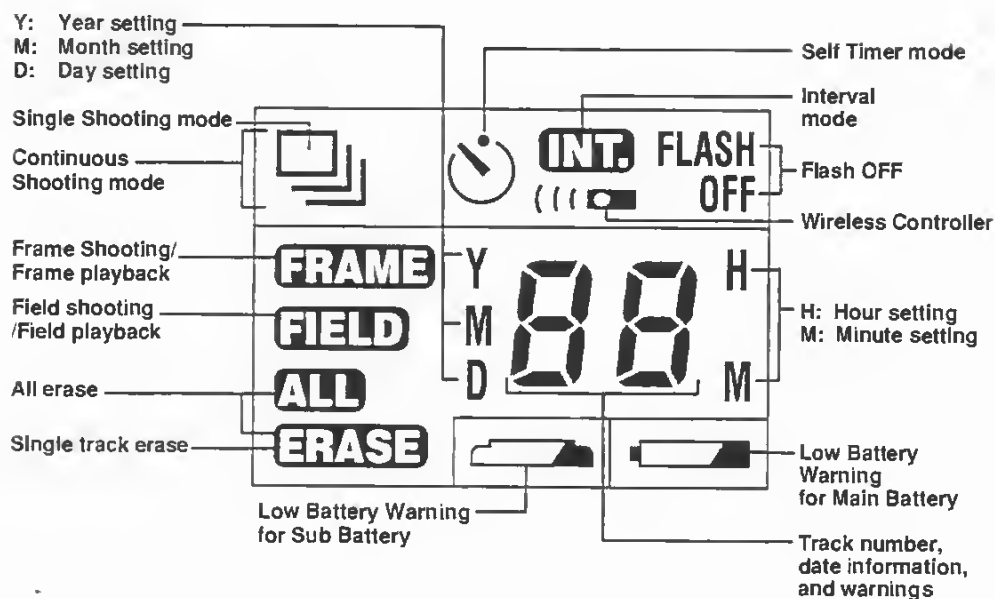
- With main switch on REC, press to switch from FRAME to FIELD and vice versa.
- With main switch at PLAY/ERASE, press while playing back a frame image to play it back as a field image. Press again to restore to frame image.

# About the Viewfinder




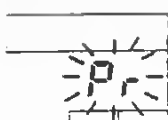
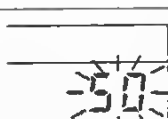

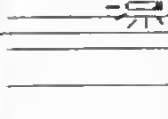

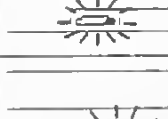
# Display Panel

The liquid crystal display panel indicates the information you need for taking pictures, viewing them, and erasing them.



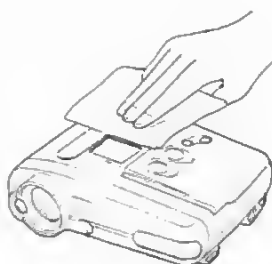


## Warnings in the Display Panel

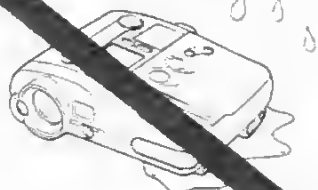
	No video floppy disk in camera.	
	The erasure prevention tab is broken off.	Appears only in recording and erasing modes.
	All tracks have been recorded on.	Appears only in recording mode. This warning appears whenever the 50th track is recorded on, even if other tracks are unused. See page 56 for recording pictures on skipped or erased tracks.
	Main battery power is low. Recharge soon.	
	Sub battery power is low. Replace.	The camera will record date and track number but not accept date corrections. (When this mark is blinking, the camera will not record date and track number or accept date corrections.)
	Recharge the battery immediately.	The camera will not function.
	Error has occurred. (Er and track number alternate.)	Press the shutter button or remove and reinsert the video floppy disk. If Er still flashes, try another disk. Move the main switch to L, remove the battery, and replace. Move the main switch to REC again. If the camera still does not function normally, see your dealer or nearest service facility.

# Precautions

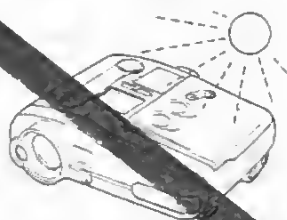
Please observe the following precautions for years of enjoyable use.



- Always use a clean, soft cloth to clean the camera.



- The camera is not waterproof. Wipe it thoroughly with a clean cloth if it is splashed with water or exposed to sea breezes.



- Never leave the camera in direct sunlight or in places that become extremely hot, such as in the trunk or on the dashboard of a car.



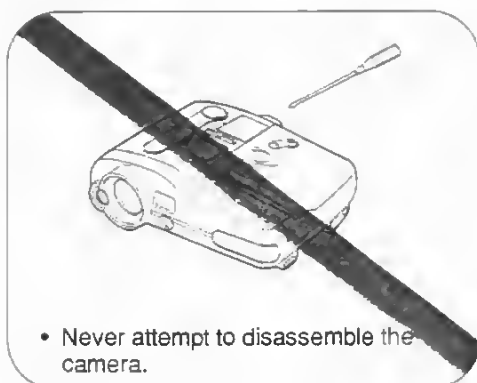
- Avoid using or storing the camera where dust or sand could damage it.

## NOTE:

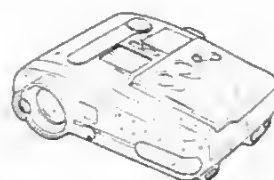
- If you do not plan to use the camera for a while, remove the Battery Pack. Store the Battery Pack in a well-ventilated, cool, dry place after charging fully, and always charge it fully at least every six months.
- A dirty video head may cause unsatisfactory reproduction of images or prevent the shutter from releasing. Use the Canon Cleaning Disk VF-CD to clean the video head. For details, see the VF-CD instructions.



- A strong shock may damage your camera. Wear it around neck with the neckstrap; don't let it dangle from your hand.



- Never attempt to disassemble the camera.



- **Condensation**  
When you move the camera between hot and cold places in a short period of time, water droplets may condense on the interior and exterior of the camera. Condensation may lead to malfunctions. To prevent it, place the camera in a tightly closed vinyl bag before moving it. Let it reach the ambient temperature before removing it from the bag. If condensation does occur, remove the video floppy disk from the camera and set the camera aside until the condensation disappears.

- If images are still not clear after cleaning the video head, the head may be worn. Consult your dealer or nearest service facility about having it replaced.

# Video Floppy Disk

## About the Disk

Your still video camera records pictures on a floppy disk instead of film. Take the disk out of its clear plastic case. What you are holding is a flexible magnetic disk inside a semirigid plastic cover. The dustproof shutter slides back when the disk is in the camera to permit recording, viewing, and erasing images.

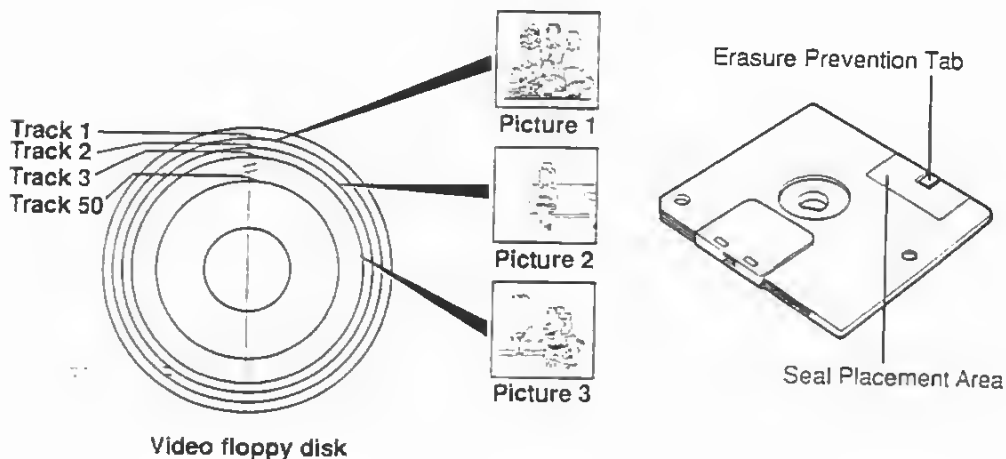
This two-inch floppy disk conforms to the worldwide standard for video floppy disks. It has 50 recording tracks (numbered 1 to 50); your still video camera will record one picture in each track in field mode or one picture in two tracks in frame mode. The same disk can hold a mixture of field and frame mode pictures.

Pictures recorded on the disk can be erased and the disk used again and again. The images you want to keep are safe from accidental erasure, however: after taking pictures, just snap off the erasure prevention tab. Then the pictures cannot be erased.

No pictures can be recorded on a disk that lacks an erasure prevention tab. If you later decide to record other pictures on the disk, you must replace the tab by covering the tab area with the seal provided with your disk or with a thin strip of cellophane tape.

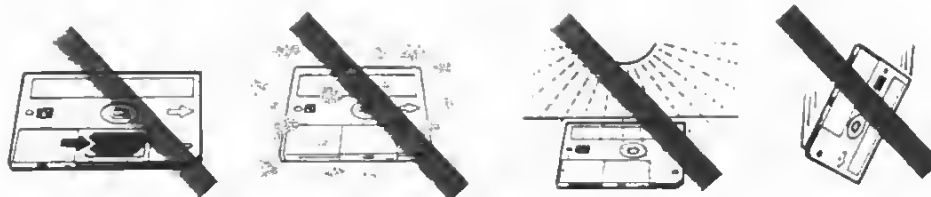
### Seal Placement Area

Place the seal included with the disk or a thin strip of cellophane tape inside this area only.



# Precautions

Unlike film, floppy disks are not light sensitive. Since they are magnetic media, however, they do require some care in handling.



- Always store the disk in its clear case when not in use.
- Never leave a disk in the camera when you are not planning to use the camera for some time.
- If the dustproof shutter opens accidentally, close it immediately. Never touch the disk inside—you will damage it and lose your pictures.
- Never place a video floppy disk near a motor or other electric device that generates strong magnetic fields.
- Keep disks away from dust and dirt.
- Never leave a disk in direct sunlight or in places that become extremely hot or humid, such as in the trunk or on the dashboard of a car.
- Never bend a disk.
- Avoid dropping a disk or subjecting it to strong vibration or shocks.



# REC

## 1. Before You Shoot

1. Before You Shoot



Inserting the Battery Pack

Checking the Date Setting

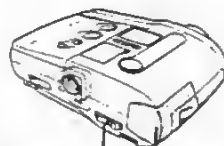
Inserting and Removing a Video Floppy Disk

Choosing Frame or Field Shooting Format

Choosing the Shooting Mode and Lens Setting

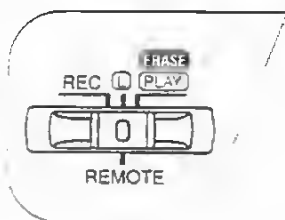
# REC Inserting the Battery Pack

There are a few simple steps to follow before shooting with your still video camera. First, insert the Battery Pack BP-4P, which powers your camera.



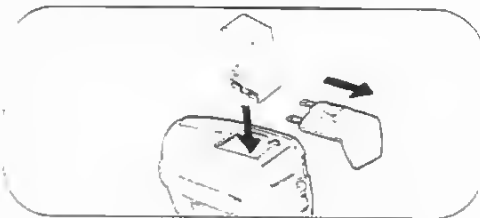
Main Switch Battery Cover

## 1 Slide the main switch to LOCK (L).



Never insert or remove the Battery Pack with the main switch at REC or PLAY/ERASE. You might damage your camera.

## 2 Slide the battery cover off, and insert the Battery Pack.



Only the Canon Battery Pack BP-4P, which came with your camera, will work.

## 3 Replace the battery cover as shown.

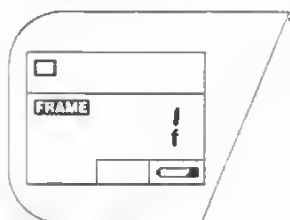


Keep the Battery Pack from moving with a finger or the flange on the battery cover, and slide on the battery cover.





## 4 Check for the low battery power mark in the display panel.



If it appears, follow these steps to remove the Battery Pack. Recharge it before use.

### Close up

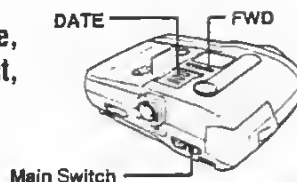
- How long will the Battery Pack last?  
A fully charged battery can shoot about 200 images without flash at frame mode (based on Canon's Standard Test Method). Note, though, that the battery will discharge more rapidly in low temperatures or when you take many flash shots. If you expect to be shooting under such conditions, take an extra charged Battery Pack with you.
- A fully charged battery will support 15 to 20 minutes of viewing your pictures (based on Canon's Standard Test Method).
- Your still video camera can also be connected to an AC outlet. **We recommend use of an AC source (for which you need the AC Coupler, sold separately) when viewing your pictures.** For information on connecting the AC Coupler, see p. 71.
- Avoid connecting it as shown in the illustration.  
The flange may break.



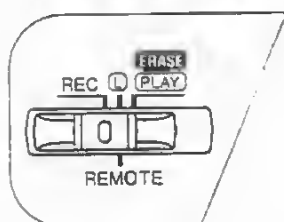
**REC**

# Checking the Date Setting

When you turn on your still video camera for the first time, check the preset date and time. If they are not correct, reset them now.

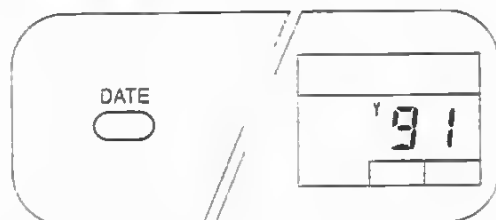


## 1 Slide the main switch to REC.



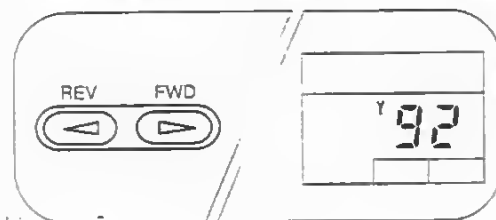
- REC (Record): for taking pictures
- PLAY/ERASE:  
for viewing pictures or erasing them
- L (lock)/REMOTE:  
for turning off your camera.  
(Prevents accidental shutter release and saves batteries.)

## 2 Press the DATE button.

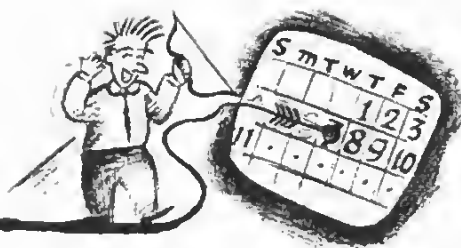


The camera shifts to date setting mode and a Y (for year) and the last two digits of the year will appear in the display panel.

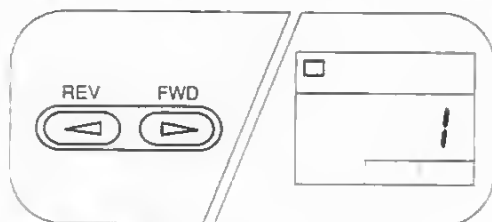
## 3 Press the FWD (forward) button to change the year, then DATE to set it.



- The REV button is disabled.
- The number will increase by one at each press of the FWD button.



## 4 Repeat step 3 to set the month (M), day (D), hour (H) and minute (M).



The camera displays the hour using the 24-hour clock.

The date and time are set, and the internal clock will begin functioning. The display panel will return to the main display.

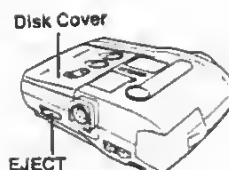
### Close up

- The camera automatically records the date and time, whenever you take a picture. Whether to display the date when you view your pictures is up to you. (See p. 75.)
- You may want to reset the date and time when you are travelling, to adjust to local time. You'll also need to after replacing the sub battery.
- If no buttons are pressed for a minute in date setting mode, the camera returns to the basic shooting mode.

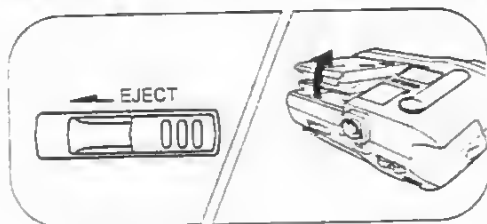
**REC**

## Inserting and Removing a Video Floppy Disk

Before shooting, you'll need to insert a video floppy disk. (Follow the same steps to replace a used disk.)

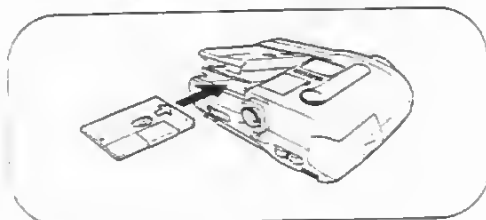


### 1 Slide the EJECT lever towards the arrow.



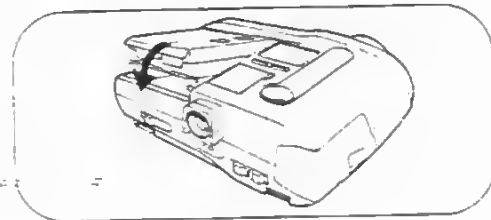
The disk cover will open.

### 2 Insert the video floppy as shown.



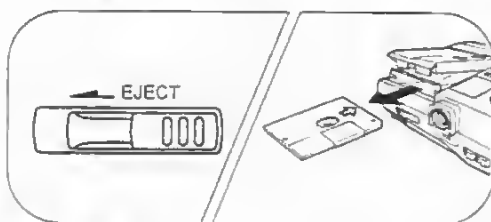
The arrow on the disk indicates the direction for insertion. The disk will not fit in any other way. Never force a disk into place.

### 3 Close the disk cover securely.



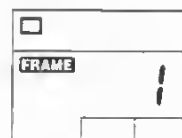


**4** To remove the disk, slide the **EJECT** lever towards the arrow.



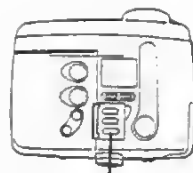
**Close up**

- Note the display panel. It displays the number of the first (lowest numbered) track available for recording pictures. With a new video floppy in place, the display should read 1.



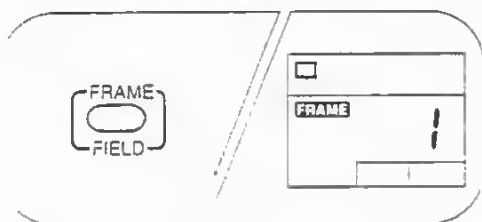
## Choosing Frame or Field Shooting Format

Your still video camera offers a choice of frame or field shooting formats (see p. 26). Before starting to shoot, make sure you know how to set the format.



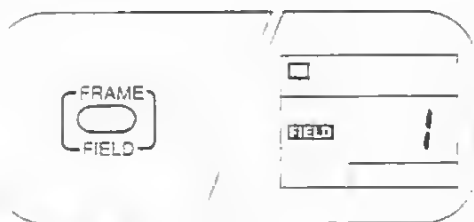
FRAME/FIELD

### 1 Press the FRAME/FIELD button.



The format will switch from field, the factory setting, to frame. Check the display panel for the word FRAME.

### 2 Press the FRAME/FIELD button again.



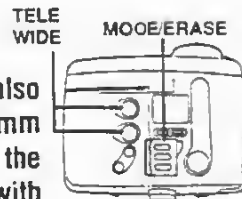
The display will change to FIELD.

#### Close up

- The resume function ensures that next time you turn your camera on, the shooting format will be as you set it. You may change it at any time.
- When you set the format to frame, the camera uses two adjacent empty tracks on the video floppy disk to record your pictures. If two adjacent empty tracks are not available, the display panel will display the number 50 (the last track on the disk), and you will not be able to shoot. Insert a new disk or erase unwanted pictures from filled tracks (see p. 66) to shoot in frame format.

# Choosing the Shooting Mode and Lens Setting

Your still video camera offers a range of shooting modes. It is also equipped with a 8-24 mm zoom lens (equivalent to a 43-130 mm lens on a 35 mm camera) and two setting buttons for the lens, the WIDE button and TELE button. It's helpful to familiarize yourself with them before you shoot.



## 1 Each time you press the MODE/ERASE button.

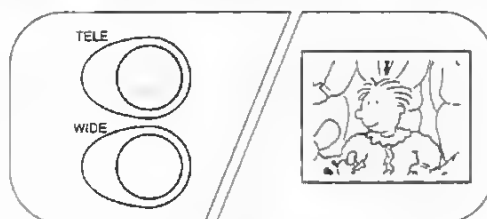
The shooting mode will change in the following order:

Display panel	Mode
	<b>Single-shot:</b> The camera takes one shot each time you press the shutter button completely.
	<b>Continuous-shot:</b> The camera takes 2.5 pictures a second (field mode) or two pictures a second (frame mode) while you hold the shutter button down.
	<b>Self-timer:</b> The camera gives you about ten seconds to put yourself in the picture.
	<b>Interval-shot:</b> The camera takes pictures at user-specified intervals (1-99 minutes).

1. Before You Shoot



## 2 • Press the TELE button.



The focal length shifts to the telephoto position, and the subject will appear larger.

## • Press the WIDE button.

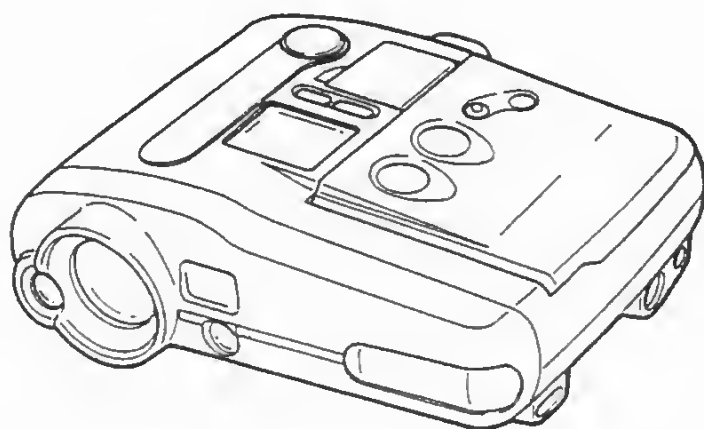


The focal length shifts to the wide-angle position, and the picture frame will broaden.



**REC**

## **2. Shooting Pictures**

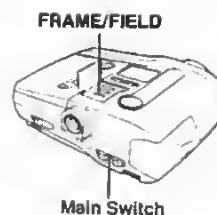


Regular Shooting  
Focus Lock Shooting  
Shooting with Flash  
Disabling the Automatic Flash

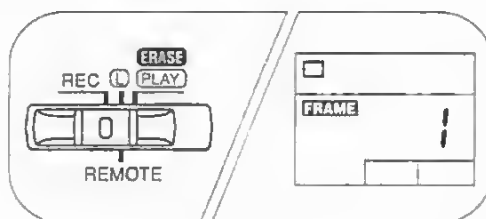
**REC**

# Regular Shooting

If you have followed all the steps in the previous section, you have loaded your camera with a Battery Pack and a disk, and you are familiar with the controls. Now you are ready to start taking still video pictures.

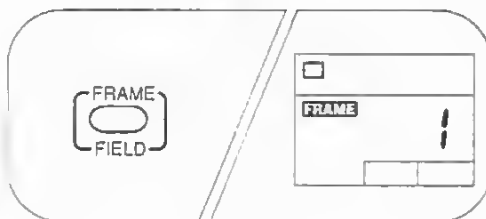


## 1 Slide the main switch to REC.



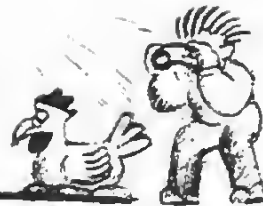
An ☐, for single-shot mode, and the first usable track number appear in the display panel.

## 2 Press the FRAME/FIELD button to select frame or field shooting.



## 3 Press the TELE or WIDE button to compose the picture.

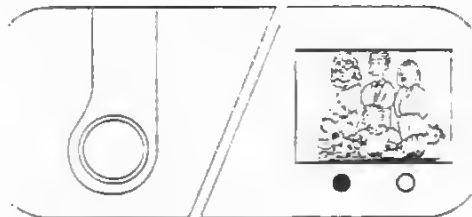




**4** Put the autofocus frame over your subject.

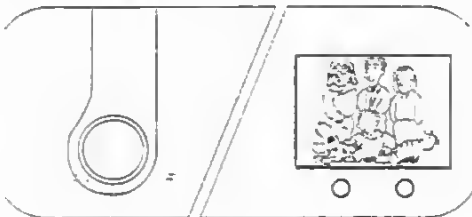


**5** Press the shutter button halfway to activate autofocus.



When the subject is in focus, a green lamp lights. The focus is locked on the subject.

**6** Press the shutter button down slowly and completely.



The built-in flash goes on automatically when the subject needs additional lighting.

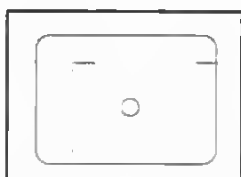
**REC**

# Regular Shooting

## Regular Shooting Hints

### Will the image be in focus?

Your still video camera automatically focuses on the subject in the autofocus frame you see in the viewfinder. It will focus sharply and clearly on most subjects from 55 cm (1-3/4 ft) to infinity. The red and green lights beneath the viewfinder indicate the focusing status of the picture you have composed, after you press the shutter button halfway.

Green Lamp  Red Lamp

Green Lamp	Red Lamp	Meaning
●	—	Subject in focus
●	⦿ (twice a second)	Subject in focus (flash charging, with automatic or forced flash) (subject too dark, with flash off)
●	●	Subject in focus (flash charged)
⦿ (twice a second)	—	Subject too close (If subject is less than 35 cm (1-1/8 ft) from camera, green lamp will not blink)

●: On

—: Off

⦿: Blinking



### Could I accidentally record over images I shot earlier?

Your picture is stored on the video floppy disk on the next available track; its number is shown on the display panel. If there are already some pictures recorded on the video floppy you inserted, the camera searches for the highest filled track number and prepares to record your picture on the next track. It will not accidentally record over images.

### Does my still video camera support shooting close-up images?

If you press the TELE button and focus on a nearby subject [55 cm (1-3/4 ft) or more from the camera], you can shoot enlarged close-up images.

### Can I turn my camera sideways to shoot?

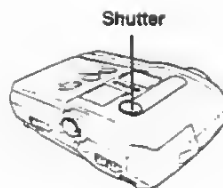
With the still video camera, a picture shot with the camera held sideways will be sideways when you view it.

#### Close up

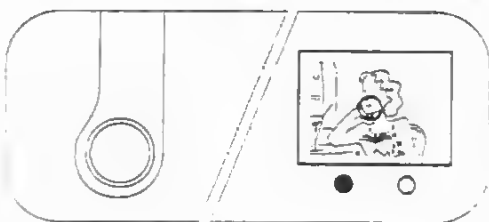
- The flash automatically charges if the subject is dark. Wait until the red lamp stops blinking to expose the image.
- For information on using the flash, see p. 46.
- Never shoot subjects from less than 55 cm (1-3/4 ft).
- If the subject is less than 35 cm (1-1/8 ft) away, the green lamp will not turn on.
- Autofocusing will not work well with some types of subjects (extremely glossy or nonreflective subjects, subjects behind glass). To compensate, use focus lock shooting, p. 44.

# REC Focus Lock Shooting

The autofocus frame is in the center of the viewfinder. If your main subject is not centered in the picture frame or if two subjects are side by side, the focus lock technique lets you ensure that they will still be in focus.

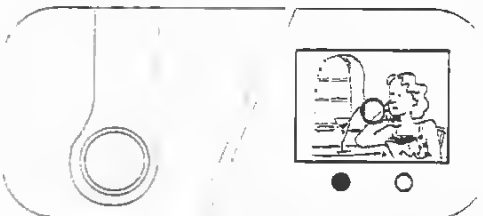


- 1 With autofocus frame over the subject, press the shutter button halfway.**



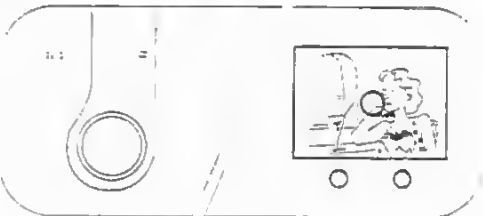
The green lamp lights up.  
The focus is locked on the subject  
as long as you hold the shutter  
button halfway down.

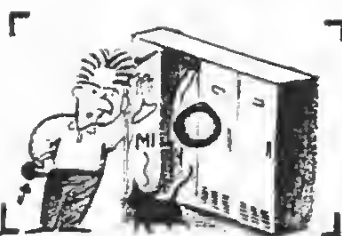
- 2 Reframe the picture for the composition you want.**



Be sure to keep the shutter button  
pressed halfway.

- 3 Press the shutter button fully to take the picture.**



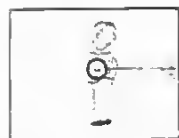


• **What if two subjects are side by side?**



Lock the focus on one, then reframe before taking the picture.

• **What about a moving subject?**



Lock the focus on something the same distance away, compose the picture, and wait for the subject to enter the viewfinder before pressing the shutter button fully.

**Close up**

Focus lock shooting will also let you compensate for autofocus problems.

- To ensure that extremely glossy or nonreflective subjects are in focus, lock the focus on another subject the same distance away, then reframe with the autofocus frame on the subject and press the shutter fully (steps 1-3).
- To avoid autofocus difficulties in shooting a subject behind glass, put the camera against the glass.

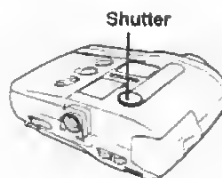


**REC**

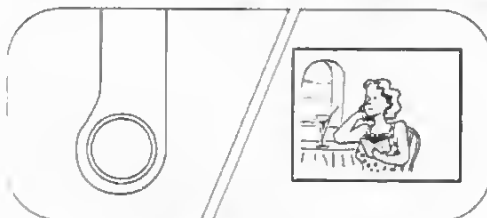
# Shooting with Flash

Your still video camera has a built-in flash that operates automatically when a subject needs additional lighting.

You may, however, disable the automatic flash to shoot where flash is prohibited or to achieve certain exposure effects (see p. 48).

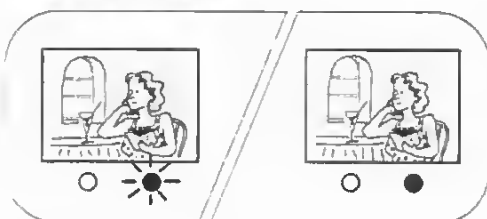


## 1 Compose your image and press the shutter button halfway.



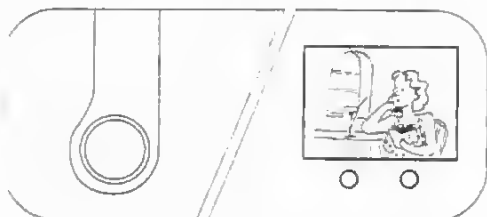
The camera will determine if there is sufficient light.

## 2 Watch for the red lamp blinking twice a second under the viewfinder. Wait for the red lamp to glow steadily.




The blinking red lamp means the flash is charging.

## 3 Press the shutter button fully.



The flash will fire.





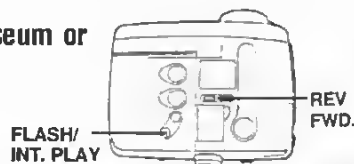
## Close up

- The shutter will not release while the flash is charging.
- The flash is effective over a range of 55 cm (1-3/4 ft) to 3.3 m (10-13/16 ft) for field shooting and 55 cm (1-3/4 ft) to 2 m (6-1/2 ft) for frame shooting.
- For forced flash, see p. 58.
- A difference in focal length affects the amount of light needed for an exposure. Even when you are shooting in the same location, one setting may require flash and the other not.

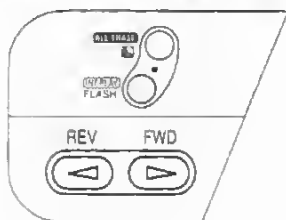
**REC**

# Disabling the Automatic Flash

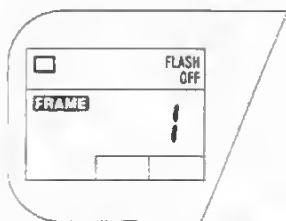
To shoot where use of flash is prohibited (in a museum or church, for instance), disable the automatic flash.



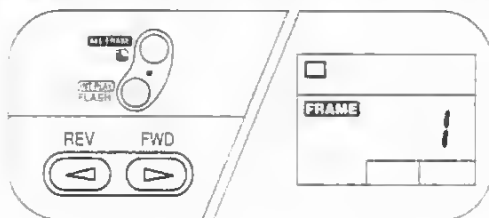
- 1** While holding down the FLASH/INT. PLAY button, press FWD or REV.



- 2** Check that FLASH OFF is indicated in the display panel.



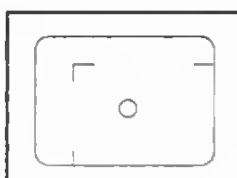
- 3** To resume use of the automatic flash, while holding down the FLASH/INT. PLAY button, press FWD or REV.



FLASH OFF disappears.

## Close up

- When you have disabled the automatic flash, watch for the red and green lamps.



Green Lamp

Red Lamp

Green Lamp	Red Lamp	Meaning
●	○	• Subject in focus
●	⦿ (twice a second)	• Subject in focus; Subject too dark *1
⦿ (twice a second)	○	• Subject too close *2

●: On

○: Off

⦿: Blinking

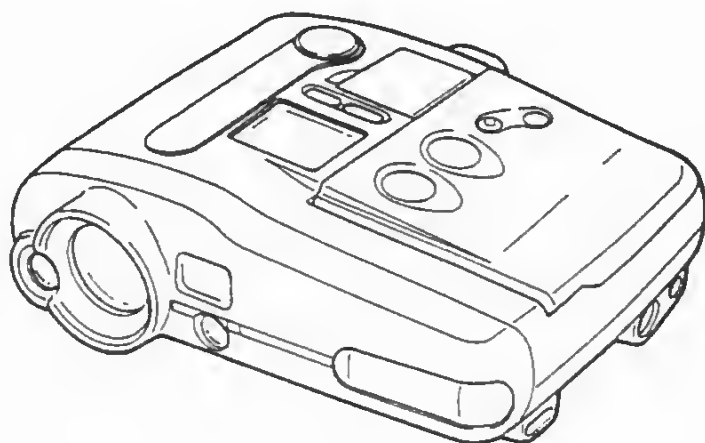
\*1 The shutter speed will drop. Use a tripod or brace the camera securely to shoot in FLASH OFF mode.

\*2 Move more than 55 cm (1-3/4 ft) away from the subject.





# **3. Advanced SV Shooting Techniques**



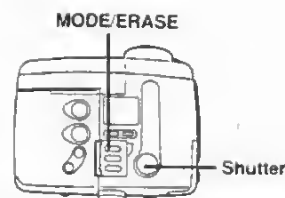
3. Advanced SV Shooting Techniques

Continuous Shooting  
Interval Shooting  
Insert Shooting  
Self-timer Shooting  
Shooting Backlit Subjects  
Using the Accessories

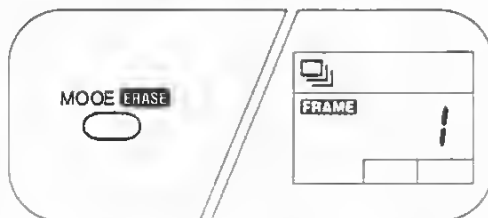
**REC**


# Continuous Shooting

In continuous shooting mode, you can capture up to 2.5 images a second (field mode) or two pictures a second (frame mode) while you hold the shutter button down.

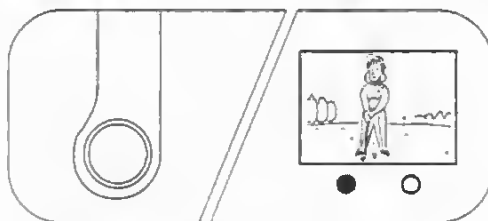


## 1 Press the **MODE/ERASE** button.



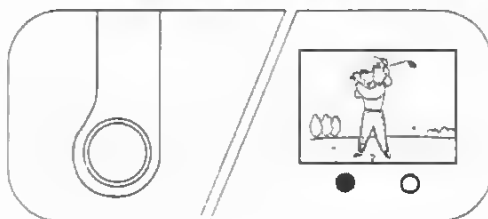
 will appear on the display. The camera is ready to take 2.5 pictures a second (field mode) or 2 pictures a second (frame mode).

## 2 Compose your picture, then press the shutter button halfway.



The focus set now will be maintained as you take this series of continuous shots.

## 3 Hold down the shutter button to take pictures.



The camera will shoot continuously as long as you hold the shutter button down and there are empty tracks inward on the disk.



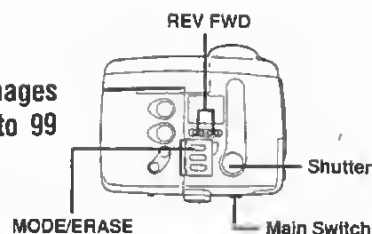
### Close up

- The focus will not change during continuous shooting. If the subject suddenly moves closer or further away, your pictures may be out of focus.
- The exposure control and white balance (which ensures that white subjects look white and a natural color balance is obtained) will also not change during continuous shooting.
- The continuous shooting speed may drop if you do not have continuous empty tracks on the video floppy disk you are using or if you are using the built-in flash.
- While you are pressing the shutter button for continuous shooting, all other buttons are disabled.

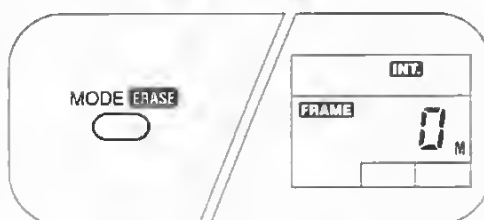
**REC**

# Interval Shooting

Your still video camera lets you record up to fifty images (a full disk's worth) at intervals you set, from one to 99 minutes.

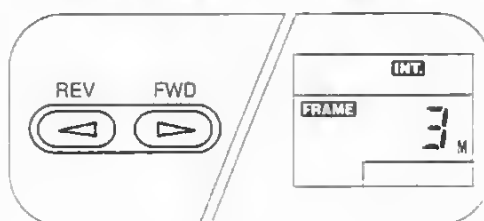


- 1 Press the **MODE/ERASE** button until **INT.** appears in the display panel.**



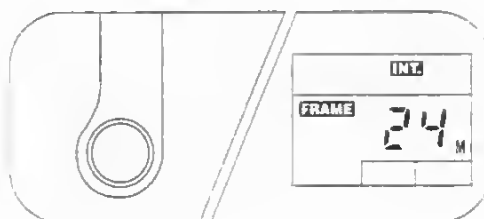
You have entered interval shooting mode.

- 2 Press **FWD** or **REV** to set the shooting interval (in one-minute units).**



You can set the interval to between one and 99 minutes.

- 3 Press the shutter button fully.**

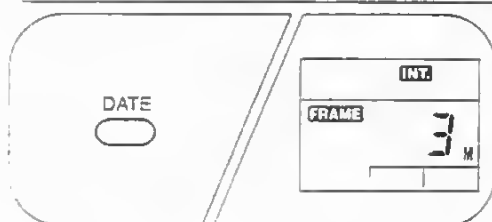


The first image will be recorded, and the display panel will show the number of empty tracks available. It will continue to shoot at the specified interval until all tracks are full. The **INT.** message will blink in the display panel.





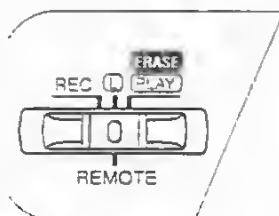
- **To check the shooting interval, press the DATE button.**



While the DATE button is pressed, the interval will be shown in the display panel.

If you check it just before pressing the shutter button, the interval may be altered.

- **To cancel interval shooting, slide the main switch to LOCK.**



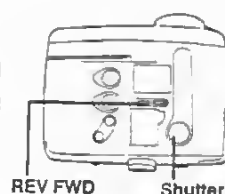
### Close up

- Be sure to use a fully charged Battery Pack or the AC Coupler and AC outlet for shooting over an extended period. (For use of the AC Coupler, see its instruction manual.)
- To insert a new video floppy disk during interval shooting, slide the main switch to LOCK, replace the disk, turn back on the camera and **repeat the procedure for setting it for interval shooting.**

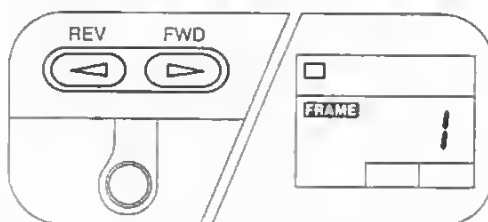
**REC**

# Insert Shooting

Your camera automatically uses the next available track, in ascending order. Since, however, you can erase tracks (see the section on Erasing Unwanted Pictures for instructions), you may have an empty track earlier in the sequence.

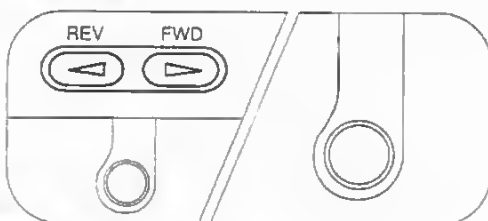


- 1 Press the shutter button halfway while holding the REV button down.**



The number of the next lower empty track will appear in the display panel.

- 2 Release both the REV and shutter buttons. Then shoot as usual.**

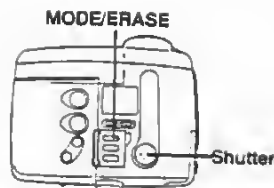


## Close up

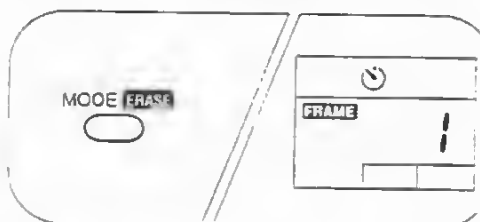
- The skip shooting technique lets you move ahead to a higher track number. Just press the shutter button halfway holding the FWD button down. The number of the next higher empty track will appear in the display panel. There release both the FWD and shutter buttons, and shoot as usual.
- The camera will continuously search the next available track as long as you hold the REV and shutter button.

# Self-timer Shooting

In self-timed mode, the shutter will be released about 10 seconds after you press the shutter button fully. This feature lets you put yourself in the picture.

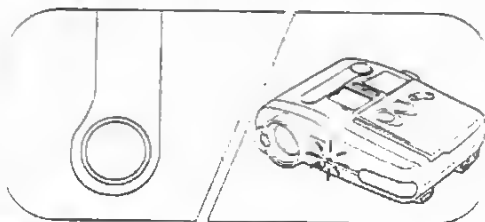


## 1 Press the **MODE/ERASE** button.



The  (the self-timer symbol) will appear in the display panel.

## 2 Compose your picture and press the shutter button fully.



The shutter will release in about 10 seconds. The self-timer indicator on the front of the camera will start blinking slowly, then speed up 2 seconds before the shutter releases.

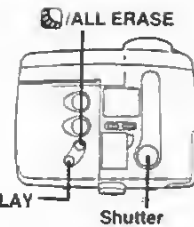
### Close up

- To cancel the self timed exposure before the 10 seconds are over, slide the main switch to LOCK.
- Do not stand in front of the camera when pressing the shutter button.

**REC**

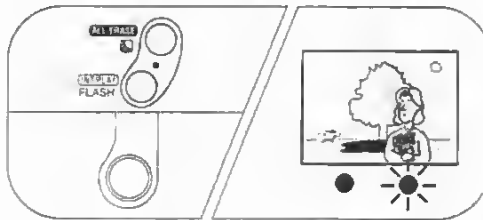
# Shooting Backlit Subjects

A subject that is strongly lit from behind—backlit—will appear dark when photographed. To compensate for the effects of backlighting, use either forced flash (daylight synchronized flash) or exposure compensation techniques.



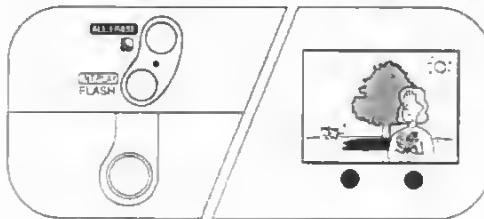
## Forced Flash

- 1** Hold down the FLASH/INT. PLAY button and press the shutter button halfway.



Wait until the red lamp stops blinking to expose the image. Move in as closely as possible to maximize the light reaching the subject from the flash.

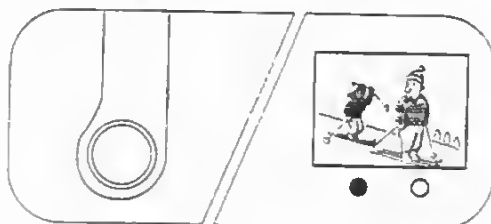
- 2** Press the shutter button fully while holding the FLASH/INT. PLAY button to take the picture.



The flash will fire, even if you had the camera set to Flash Off.

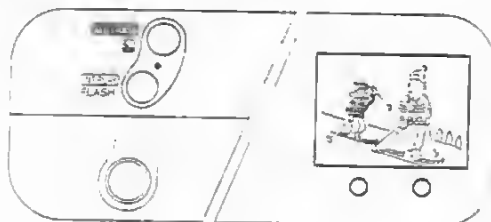
## Exposure compensation

- 1 Press the shutter button halfway.



That activates autofocus.

- 2 Press the shutter button fully while holding down the /ALL ERASE button.



The camera applies a +1.5 step exposure compensation in the flash-off photography, or -1 step exposure compensation when the flash fires.



## Close up

- Forced flash adds illumination for an optimal exposure of both the subject and its background. Exposure compensation uses only available light for a more natural effect. It is particularly valuable where flash photography is prohibited (in a church, for instance). Exposure compensation also can be used to shoot where the setting is strongly reflective (on the ski slopes, for instance). If a subject is backlit but too far away to use flash to compensate (for instance, if you are shooting a backlit clock tower from a distance), use exposure compensation to correct the backlighting.

- Backlit subject photographed with forced flash

No flash



With forced flash



- Backlit subject photographed with exposure compensation

No exposure compensation



With exposure compensation



# Using the Accessories

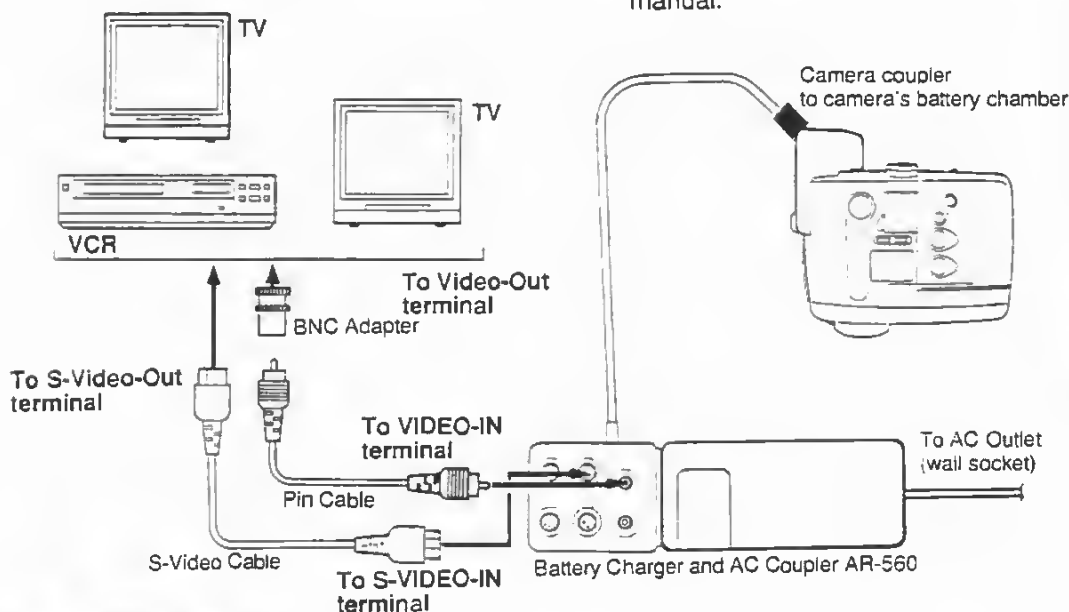
## Recording from an External Source

With the AC Coupler AR-560 and the wireless controller WL-C39 (both sold separately), you can connect your camera to a VCR or TV with a Video-out or S-Video-out terminal to capture images from TV broadcasts or videotape.



- 1 One option is connecting the camera and AC Coupler to a VCR or TV with a Video-out or S-Video terminal.

For details, see the AC Coupler manual.



3. Advanced SV Shooting Techniques

### Close up

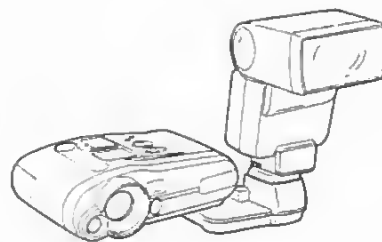
- The AR-560 is equipped with a Video-in and a S-Video-in terminal, to receive video signal input from a TV or VCR. The AR-260 provides an AC transformer, Video-out terminal, and S-Video-out terminal. But the AR-260 can not receive video signal input from a TV or VCR.
- Use the S-Video cable KE-SS (sold separately) to connect to a S-Video terminal.
- Some video signal may not be recorded as normal images.

**REC**

## Shooting with ...

### ... External Flash

While an internal flash is convenient, an external flash unit gives access to effects such as bounce flash, as well as more illumination. You'll find it invaluable when shooting some subjects. By attaching the flash bracket FB-C57 (sold separately), you may use the Canon Speedlite 430EZ or 420EZ external flash attachment with your still video camera.

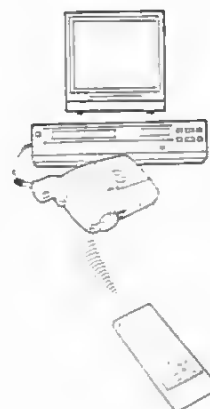


#### Close up

- Set the flash coverage angle on the Canon Speedlite 430EZ or 420EZ to 28 mm.
- You can change the angle of the flash head. Aim it at a ceiling, for instance, for a softer, bounce lighting effect.

### ... the Wireless Controller

Use the AC Coupler AR-560 and the wireless controller WL-C39 (both sold separately) to record from an external source.

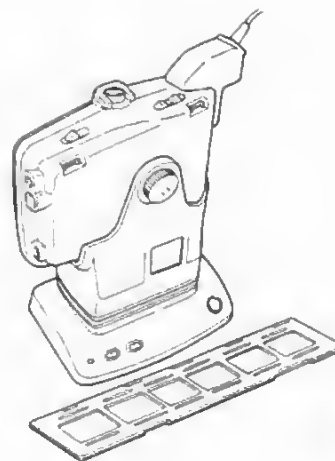




## ... the Film Adapter

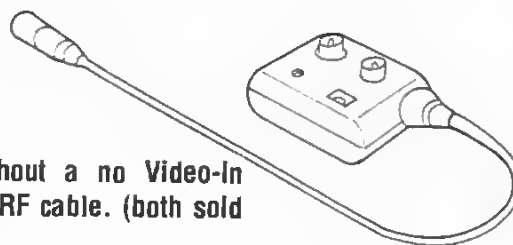
The Film Adapter FA-C57 (sold separately) lets you shoot still video images from negatives or slides. And your still video camera lets you verify that you have the right image from your TV screen.

To convert film into still video you will need the Film Adapter FA-C57 and the AC Coupler AR-560 (or the AR-260) (all sold separately).



## ... the RF Unit

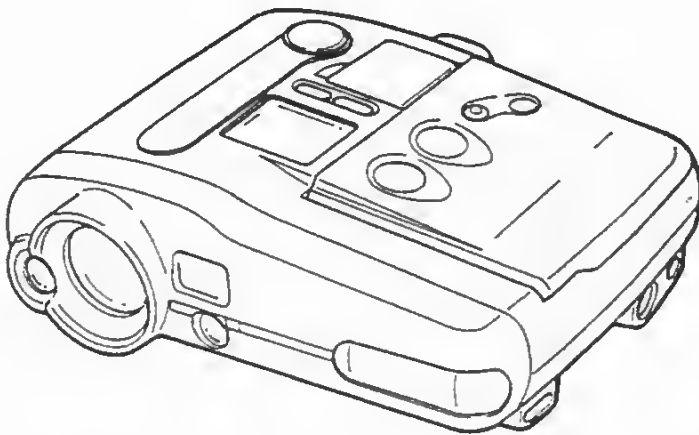
To connect the camera to a TV without a no Video-In terminal, use the RF Unit RF-302 and RF cable. (both sold separately)





**ERASE  
PLAY**

## **4. Erasing Unwanted Pictures**

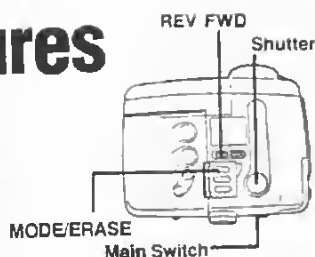


**4. Erasing Unwanted Pictures**

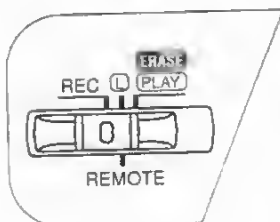
**Erasing selected pictures**  
**Erasing All Images**

# Erasing selected pictures

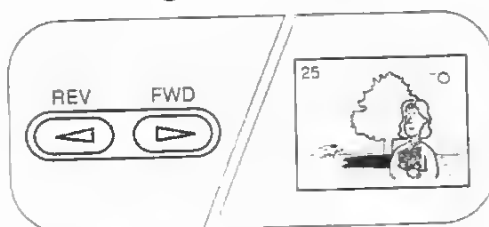
If you do not want to preserve an image, erase it and record something else. Of course you can pick images to erase if you know their track numbers. First connect your camera to a TV to view images. (For instructions, see Viewing Pictures, p. 69.)



- 1 Slide the main switch to **PLAY/ERASE**.

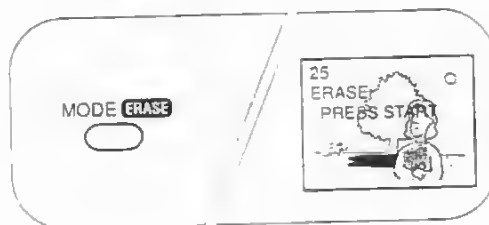


- 2 Scan through the pictures until you find one to be erased.



Or press the FWD and REV buttons to find the track number: FWD for a higher number, REV for a lower one.

- 3 Press the **MODE/ERASE** button.



The "ERASE PRESS START" message will appear on the TV screen.

**ERASE** will appear on the camera display panel.



## 4 Holding down the MODE/ERASE button, press the shutter button fully.



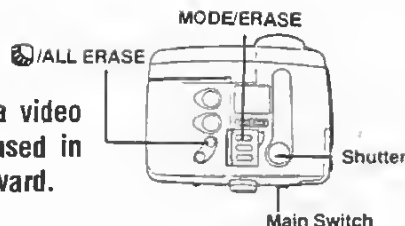
The "ERASING" message will appear on the TV screen. When the track is erased, **ERASE** will disappear on the camera display panel, and the image will disappear from the screen.

### Close up

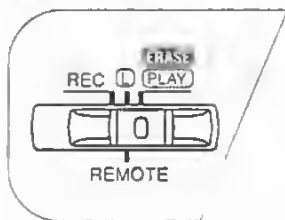
- To erase a series of tracks, hold down the MODE/ERASE and shutter buttons. As long as the buttons are being pressed, successive tracks, beginning with the track number first displayed and working forward, will continue to be erased.
- Erasing a frame image frees two tracks, a field image one track.
- If you have recorded frame images, it is possible to erase only the second (higher) track of the pair containing a frame image. In that case, the image (with somewhat inferior image quality) will still be recorded on the first track.

# Erasing All Images

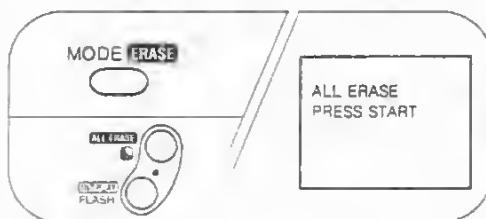
You may also choose to erase all the tracks on a video floppy disk, automatically. The tracks will be erased in order, beginning with the 50th track and working forward.



## 1 Move the main switch to **PLAY/ERASE**.



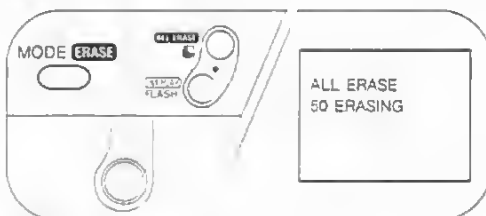
## 2 Holding down the **MODE/ERASE** button, press the **/ALL ERASE** button.



The "ALL ERASE PRESS START" message will appear on the TV screen.

**ALL ERASE** will appear on the camera display panel.

## 3 Holding down the **MODE/ERASE** button and **/ALL ERASE** button, press the shutter button fully.



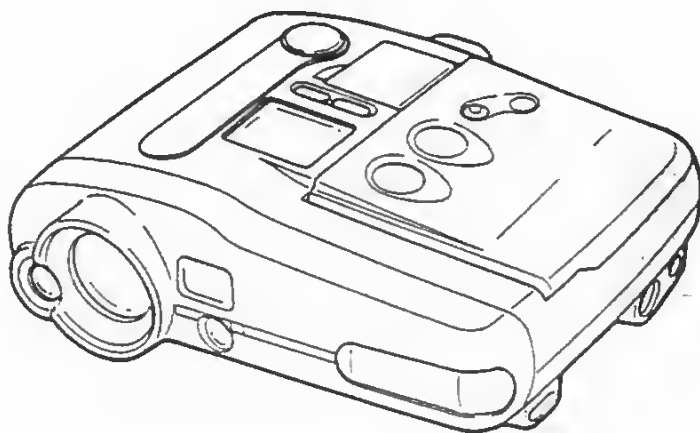
The ALL ERASE, 50 ERASING message will appear on the TV screen, with the number of the track being erased. The number will also appear on the display panel.

### Close up

- After erasure begins, it proceeds automatically. You do not need to continue holding down the buttons.
- To stop the ALL ERASE process, slide the main switch to **L/REMOTE**.

**ERASE  
PLAY**

## **5. Viewing Pictures**



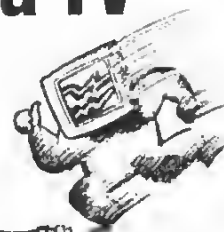
**5. Viewing Pictures**

- Connecting the Camera to a TV
- Viewing Pictures
- Previewing as You Shoot
- Hands-off Viewing (Interval Playback)
- Viewing with the Wireless Controller

**ERASE  
PLAY**

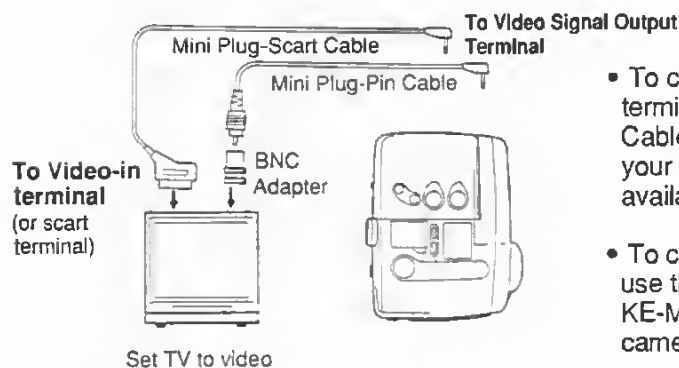
# Connecting the Camera to a TV

To view your pictures, all you need to do is connect your still video camera to a TV or a VCR connected to a TV.



## ... Viewing on Battery Power

Connect the camera's VIDEO OUT terminal and the Video-in terminal (or scart terminal) on the TV or VCR.



- To connect to a BNC video-in terminal, use the Mini Plug-Pin Cable KE-M2P (supplied with your camera) and a commercially available BNC adapter.
- To connect to a scart terminal, use the Mini Plug-Scart Cable KE-M21 (supplied with your camera).

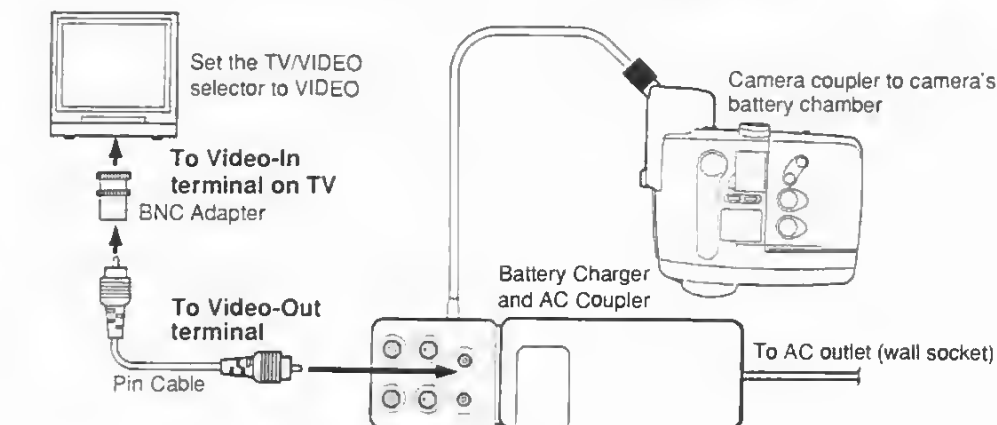
### Close up

- Connecting the still video camera to a TV without using the AC Coupler and an AC outlet restricts your viewing time. A fully charged battery can provide about 15-20 minutes of viewing. To view your pictures over a longer period, use the AC Coupler AR-560 or AR-260 (sold separately).

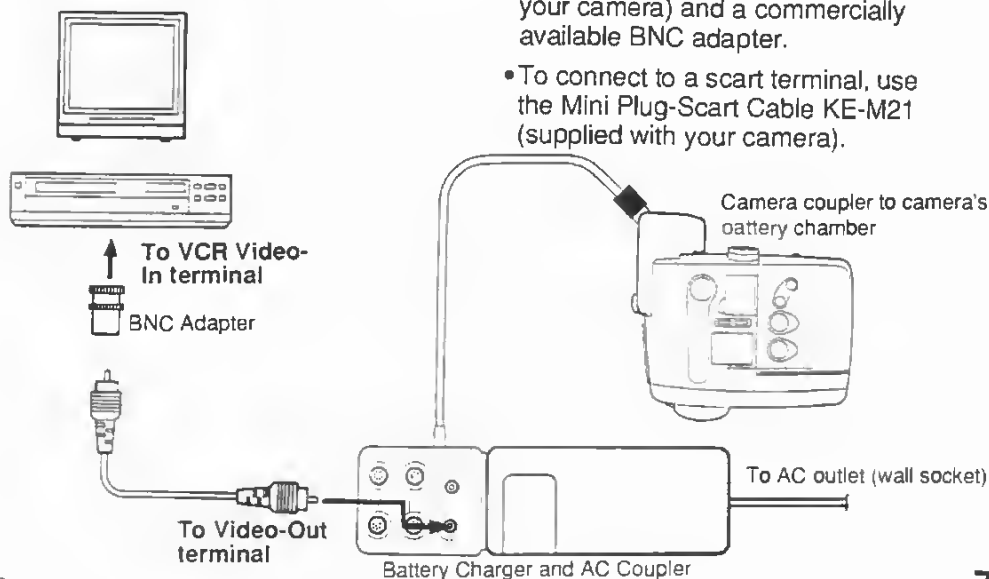


# Viewing on AC Power ... ... Video-In Terminal

Connect the AC Coupler's Video-out terminal and the Video-in terminal (or scart terminal) on the TV or VCR.



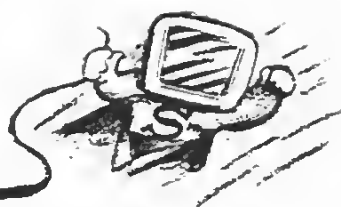
Set VCR to Line-in mode



- To connect to a BNC video-in terminal, use the Mini Plug-Pin Cable KE-M2P (supplied with your camera) and a commercially available BNC adapter.
- To connect to a scart terminal, use the Mini Plug-Scart Cable KE-M21 (supplied with your camera).

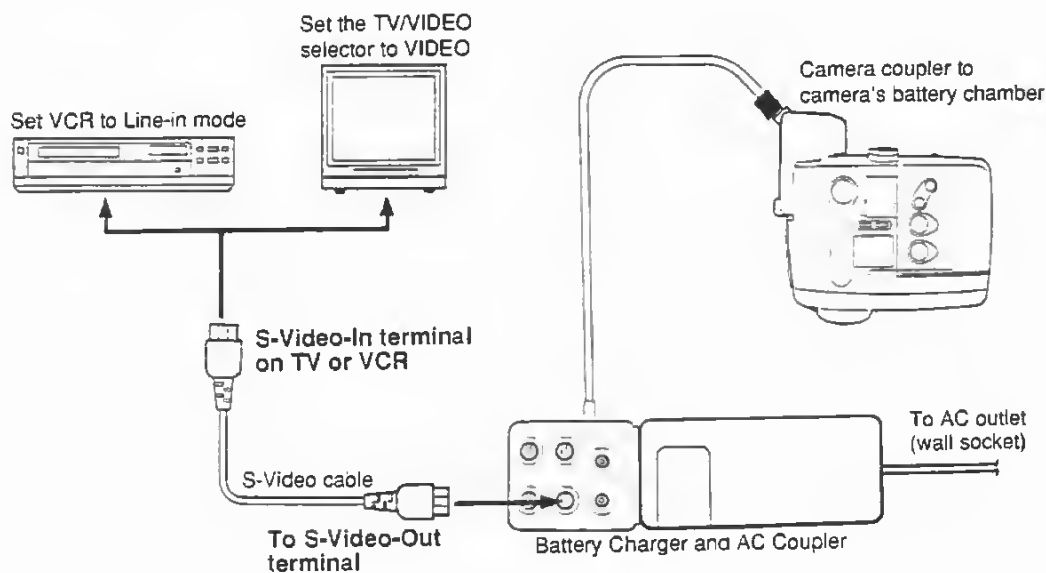
**ERASE  
PLAY**

## Viewing on AC Power... ...S-Video-In Terminal



**Connect the AC Coupler's S-Video-Out terminal and the S-Video-In terminal on the TV or VCR.**

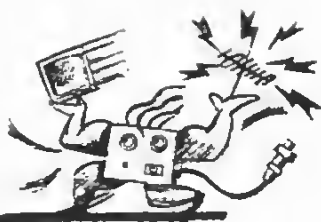
Use the S-Video Cable KE-SS (sold separately).



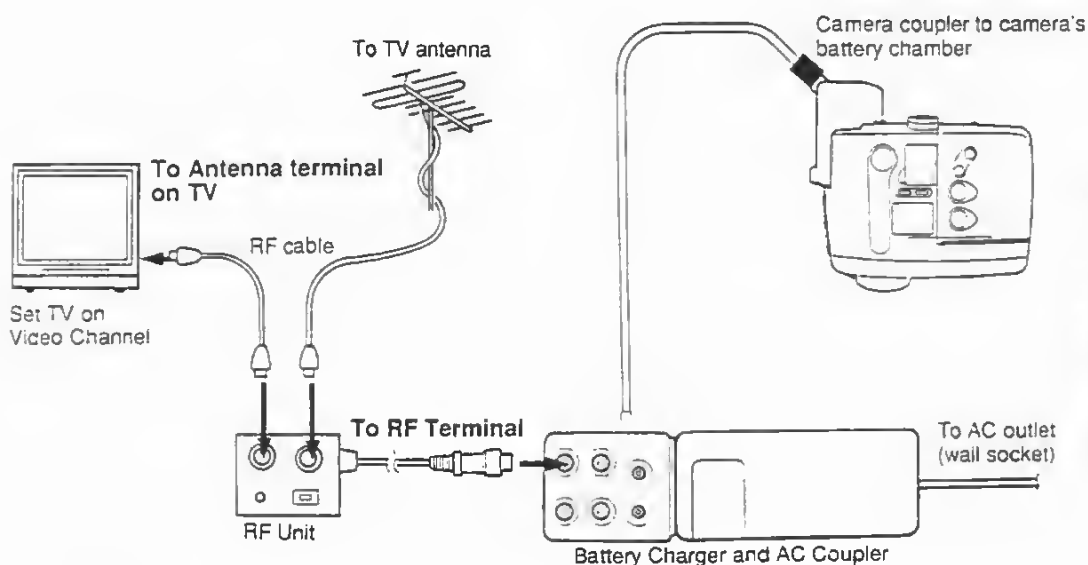
# Viewing on AC Power...

## ...Antenna Terminal

To view your pictures on a TV or VCR without a Video-in terminal, use the RF Unit and RF Cable, sold separately.



When you have finished connecting the camera, RF Unit, and TV, you must set the TV and the RF Unit to the video channel for your area.



### 5. Viewing Pictures

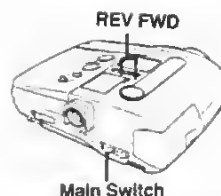
#### Close up

For further information, see the directions for the RF Unit.

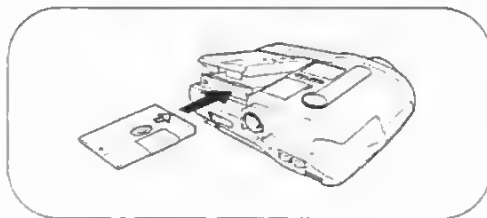
**ERASE  
PLAY**

# Viewing Pictures

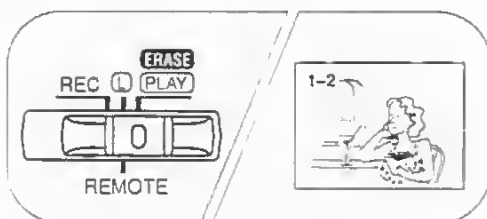
Now you are ready to begin viewing pictures. Turn the TV (and VCR, if any) on, and switch the signal source to the Video-in terminal, if your equipment has one. If using the RF Unit, turn your TV to the video channel.



- 1** Insert the video floppy disk on which you have recorded pictures in the camera.

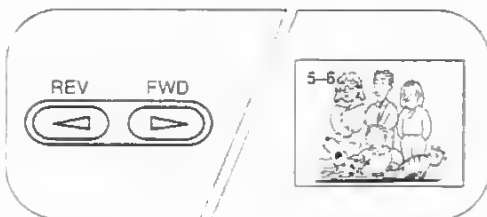


- 2** Slide the main switch to **PLAY/ERASE**.



The picture on the lowest track will be played back.

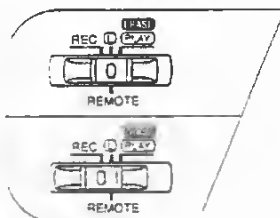
- 3** To see the next picture, press **FWD**. To return to an earlier one, press **REV**.



As long as you hold down the FWD or REV button, the track played back will continue to change.

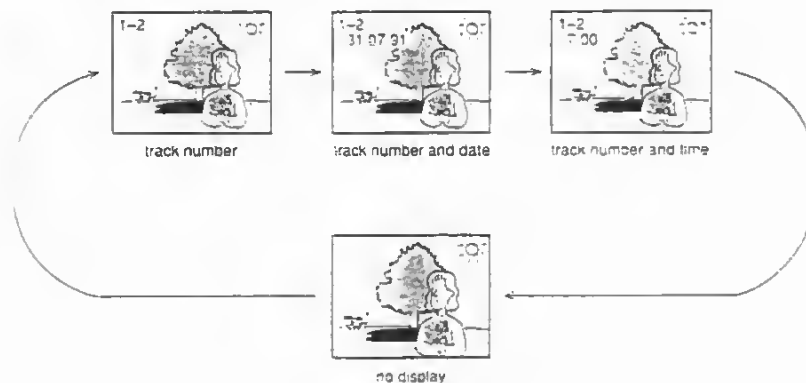


## 4 To cancel viewing, slide the main switch to LOCK or REC.



### Close up

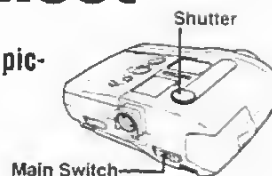
- The number on the screen gives the track number for that picture. Press the DATE button, and the date and time when you took the picture will also be displayed. You may also choose not to display the track and date data.
- Each time you press the DATE button, the display changes as follows:



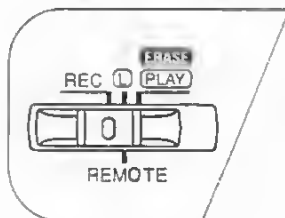
- To learn about operating the wireless controller, see its instruction manual.

# Previewing as You Shoot

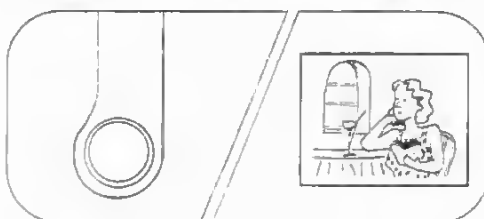
With your camera connected to a TV, you can see your pictures as soon as you take them.



- 1** Connect the camera to a TV (see p. 70–73) and slide the main switch to REC.

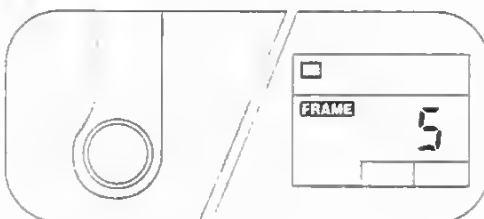


- 2** Press the shutter button down fully, and keep it down.



The picture will be displayed on the TV as long as you hold the shutter button down.

- 3** Release the shutter button to end playback.



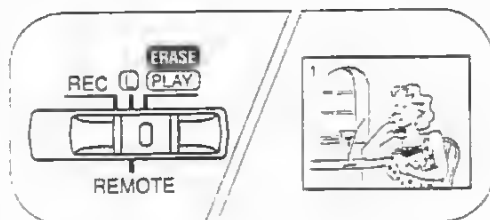
The picture has been recorded, and the track number in the display panel will increase by one. If you are not satisfied with the picture, follow the instructions on p. 66 for erasing it.

# Hands-off Viewing (Interval Playback)

The interval playback feature lets you view the images recorded on your video floppy disk, automatically, at about 4 second intervals. Interval playback is helpful for checking the contents of a video floppy or playing back a series of related images.

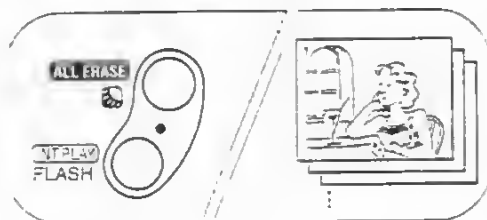


## 1 Slide the main switch to PLAY/ERASE.



The image recorded on the track with the lowest number will be played back.

## 2 Press the FLASH/INT. PLAY button.

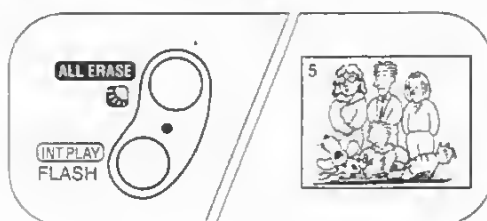


Interval playback starts, showing pictures in sequence from the lowest to the highest track, then returning to the lowest track again.

# ERASE PLAY

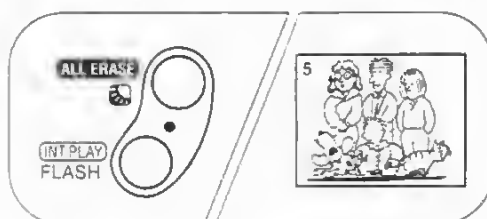


- 3** • To interrupt interval playback, press **FLASH/INT. PLAY** again.

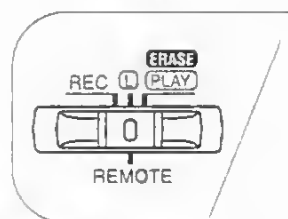


The image then on the screen will continue to be displayed.

- To resume, press the **FLASH/INT. PLAY** button again.



- To cancel interval playback, slide the main switch to **L/REMOTE**.



## Close up

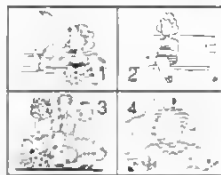
- Interval play will stop automatically after about 15 minutes, if you are operating the camera from an AC outlet, and 3 minutes if you are operating it on the Battery Pack.



# Viewing with the Wireless Controller

We recommend using the Wireless Controller WL-C39 and AC Coupler AR-560 (sold separately) in playing back your images. In addition to being easy to use, it gives you access to multi-image playback, single-image dubbing, and track fill in, among other functions.

## 1 You can display 4 or 25 images at once.



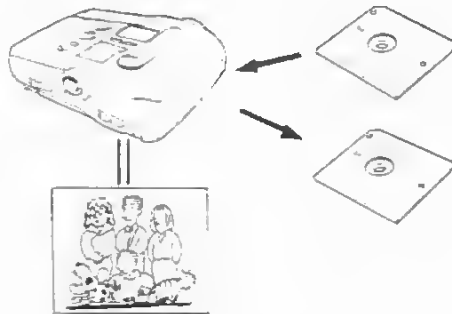
4-image playback

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

25-image playback  
(index playback)

Multi-image playback lets you see a series of related images together or check the contents of a video floppy at a glance—it functions as an image index.

## 2 You can also dub single images onto a different video floppy.



Dub an image onto a different video floppy—even on a different track—to organize images by topic. (Dubbing produces a slight loss in image quality.)

**ERASE  
PLAY**



**3** You automatically fill images into earlier empty tracks on a disk being played back.



Filling earlier empty tracks makes more efficient use of disk space. (Filling in produces a slight loss in image quality.)

**Close up**

- You must connect the camera to the AC Coupler to use the Wireless Controller. The infrared sensor to receive signals from the Wireless Controller is located on the camera coupler of the AC Coupler. For details, see the AC Coupler instructions.
- For best results, place your still video camera near, but not on, the TV.
- For further details, see the Wireless Controller instructions.



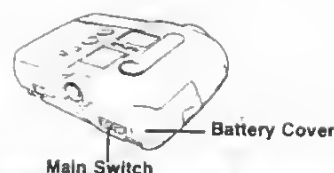
# Appendix

Appendix

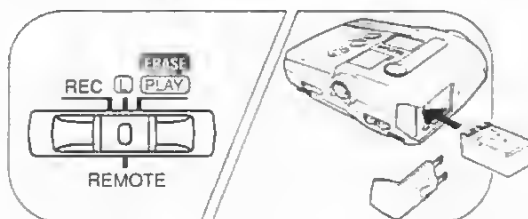
Replacing the Sub Battery  
Troubleshooting  
Specifications  
Standard Accessories  
RC-560 System Chart

# Replacing the Sub Battery (lithium battery)

Your camera's built-in clock operates on a CR2032 lithium battery with a lifetime of about 2 years. When the low sub battery power warning appears in the display panel, replace the battery with a new one.

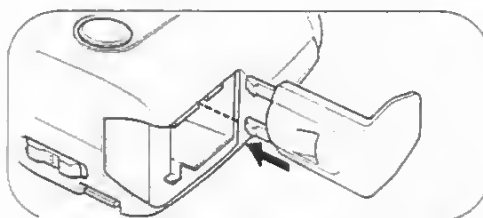


- 1 Slide the main switch to L (LOCK), then remove the Battery Pack.**



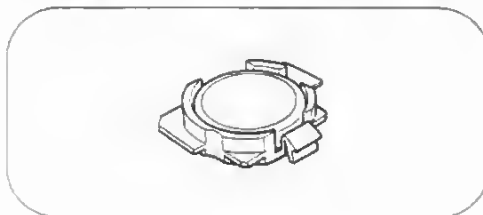
Removing the Battery Pack while the main switch is on REC or PLAY/ERASE may damage your camera.

- 2 Press the sub battery cover upwards and in the direction shown.**



Place the battery cover flange in the indentation for removing the sub battery, and, pressing, move it downward.

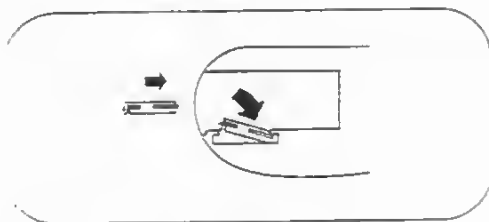
- 3 Take the sub battery out of the sub battery cover and replace with a new CR2032 lithium battery.**



Insert the sub battery in the sub battery holder with the positive (+) pole down, facing the (+) marked on the holder.



#### 4 Press the sub battery cover back in place in the direction shown.



Press the sub battery into the battery chamber until it clicks into place.

#### 5 Replace the Battery Pack.



You will need to reset the date and time. See p. 32.

#### Warning:

- Replace battery with a lithium battery of the following type:

Fuji Electrochemical	Type CR2032
Sanyo Electric	Type CR2032
Sony Energytec	Type CR2032
Toshiba Battery	Type CR2032

For further information, see the operating instructions for the type of battery used.

#### Warning

The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, heat above 100°C, or incinerate. Replace battery with Lithium battery Type CR2032. Use of another battery may present a risk of fire or explosion. The used battery should be handed back to the supplier for safe disposal.

# Troubleshooting

If your camera fails to work properly, check its symptoms with the chart below. If the malfunction persists, consult your dealer.

Symptom	Cause	Solution	See Page
The camera does not work at all.	<ul style="list-style-type: none"> <li>• Battery power is low. (Lb indicator on display panel.)</li> <li>• Battery is inserted incorrectly.</li> <li>• Battery connection is poor.</li> </ul>	<ul style="list-style-type: none"> <li>• Insert a fully charged battery.</li> <li>• Check instructions and reinsert.</li> <li>• Wipe the terminals with a clean, dry cloth and reinsert.</li> <li>• Take out the Battery Pack or the camera coupler of the AC Coupler from the camera's battery chamber, and then insert it again.</li> </ul>	<p>→ 30</p> <p>→ 30</p>
	<ul style="list-style-type: none"> <li>• The battery cover is not closed.</li> <li>• The AC Coupler and Battery Charger are not connected correctly.</li> </ul>	<ul style="list-style-type: none"> <li>• Close the cover securely.</li> <li>• Check instructions and reconnect.</li> </ul>	<p>→ 30</p> <p>→ 61 71~73</p>
The shutter does not release.	<ul style="list-style-type: none"> <li>• The main switch is not on REC.</li> </ul>	<ul style="list-style-type: none"> <li>• Move the main switch to REC.</li> </ul>	→ 30
	<ul style="list-style-type: none"> <li>• The battery power is low (low battery indicator on display) or battery is missing.</li> <li>• A disk has not been inserted. (00 blinking on display.)</li> <li>• The disk appears to be full. (50 blinking on the display.)</li> </ul>	<ul style="list-style-type: none"> <li>• Insert fully charged battery.</li> <li>• Insert a disk.</li> </ul>	<p>→ 30</p> <p>→ 34</p>
	<ul style="list-style-type: none"> <li>• The erasure prevention tab is missing. (Pr blinking on the display.)</li> </ul>	<ul style="list-style-type: none"> <li>• Insert a new disk, or use insert shooting to backtrack to empty tracks.</li> <li>• Insert a new disk or cover the tab area with a seal or tape.</li> </ul>	<p>→ 34 56</p> <p>→ 34 27</p>
Cannot erase pictures.	<ul style="list-style-type: none"> <li>• The main switch is not at PLAY/ERASE.</li> <li>• The erasure prevention tab on the disk has been broken off. (Pr blinking on the display panel.)</li> </ul>	<ul style="list-style-type: none"> <li>• Move the main switch to PLAY/ERASE.</li> <li>• Cover the tab area with a seal or tape.</li> </ul>	→ 27

Symptom	Cause	Solution	See Page
Cannot view pictures.	<ul style="list-style-type: none"> <li>•The main switch is not at PLAY/ERASE.</li> <li>•Camera not connected to a TV properly.</li> <li>•The TV's Video switch, video channel, or channel switch on the RF unit has not been set correctly.</li> <li>•Disk is blank.</li> <li>•Viewing has been automatically cancelled.(After about 15-20 minutes operating from the AC Coupler or about 3 minutes operating from the Battery Pack.)</li> </ul>	<ul style="list-style-type: none"> <li>•Move the main switch to PLAY/ERASE.</li> <li>•Correct connections.</li> </ul> <p>See the instructions for your TV and RF unit.</p> <ul style="list-style-type: none"> <li>•Insert a disk on which pictures have been recorded.</li> <li>•Press the shutter button halfway</li> </ul>	→ 70~73
Pictures do not look clear.	<ul style="list-style-type: none"> <li>•A motor or other noise source is near the camera or TV.</li> <li>•The disk is defective.</li> <li>•The lens is dirty.</li> <li>•The video head is dirty.</li> <li>•The video head is worn.</li> </ul>	<ul style="list-style-type: none"> <li>•Remove the source of noise.</li> <li>•If pictures on another disk are clear, the first disk is damaged and should be disposed of. Do not use damaged disks.</li> <li>•Clean the lens.</li> <li>•Clean the video head with a cleaning disk.</li> <li>•If cleaning the head does not help, consult your dealer about having it replaced.</li> </ul>	
Display is dark.	<ul style="list-style-type: none"> <li>•Liquid crystals may darken at high temperatures (60°C or 140°F).</li> </ul>	<ul style="list-style-type: none"> <li>•Let return to room temperature.</li> </ul>	
Display is sluggish.	<ul style="list-style-type: none"> <li>•Liquid crystals respond slowly in cold.</li> </ul>	<ul style="list-style-type: none"> <li>•Let return to room temperature.</li> </ul>	
Display is blurry or has poor contrast.	<ul style="list-style-type: none"> <li>•Liquid crystal is wearing out.</li> </ul>	<ul style="list-style-type: none"> <li>•Consult your dealer about having it replaced.</li> </ul>	

# Specifications

**Type:** 3x zoom still video camera

## Recording

<b>Recording System</b>	Complies with Hi-Band format agreed upon by the Electronic Still Camera Standardization Committee.
<b>Video Signal</b>	Conforms to PAL color format.
<b>Recording Medium</b>	Still video floppy disk.
<b>Image Pickup Element</b>	1/2" pure color filter interline CCD image sensor, 752H x 582V pixels.
<b>Image size</b>	4.8 x 6.3 mm (equivalent to 1/2 inch)
<b>Lens</b>	3x zoom (3 group rear focusing type), 8-24mm (equivalent to 43-130 mm in 35mm camera), f/2.5-f/2.7 Shooting range 0.55m to ∞.
<b>Viewfinder</b>	Real image secondary imaging finder Magnification: ×0.46 (at 8mm) to ×1.26 (at 24mm) Coverage: 84% Dioptic adjustment: -4 to +2 diopters
<b>Shutter</b>	Programmed lens shutter Speed: 1/500 to 1/30 second Speed with flash coupling: 1/250 to 1/30 second
<b>Autofocus</b>	Active infrared
<b>Exposure speed</b>	Single exposure (normal), 2.5 continuous exposures (field mode)
<b>Light metering system</b>	Feedback AE with external metering (TTL finder metering) sensor and CCD signal.
<b>Exposure control</b>	Programmed AE
<b>Metering range</b>	Field mode: EV 7-17.5 (equivalent to ISO 140) Frame mode: EV 8-18.5 (equivalent to ISO 70) +1.5 EV
<b>Exposure compensation</b>	
<b>White Balance</b>	Full automatic TTL white balance
<b>Flash</b>	Built-in, variable intensity Guide number: 9 (at ISO 100) Coupling range: about 3.3 m (10-5/6 ft). (Field mode) about 2 m (6-9/10 ft). (Frame mode) Modes: automatic (EV 8.0 at Wide, EV 9.4 at TELE in Frame mode, EV 7.0 at WIDE and EV 8.4 at TELE in Field mode), off, or forced. External: accepts Canon Speedlite 430EZ or 420EZ (requires flash bracket FB-C57, sold separately) About 10 seconds (indicator on camera front flashes) Automatic recording of track number, day, month, year, hour, minute, superimposed on video signal through DPSK modulation Requires AC Coupler AR-560 with terminal for input from external source, sold separately Input signal: PAL Video or PAL S-Video
<b>Self timer</b>	
<b>Date recording</b>	
<b>External source</b>	



# Specifications

## Playback

Scanning Method	2:1 interlace.
Output	Video signal; 1vp-p, 75 $\Omega$ , unbalanced ( $\varnothing$ 2.5mm mini jack)
Horizontal Resolution	450 TV lines min.
Other functions	Multi image (4 or 25) playback (both require AC Coupler AR-560 and Wireless Controller WL-C39, sold separately)

## Erase, editing

Erase function	Single track, continuous, or all erase
Editing function	Single frame dubbing, filling in earlier empty tracks (both require AC Coupler AR-560 and Wireless Controller WL-C39)

## Power Supply

Main battery:
Battery Pack BP-4P (8V, 200mAh lead-acid battery)
(In frame mode, takes approximately 200 pictures when fully charged)
Sub battery: Lithium battery CR2032 (2-year lifetime).

Operating temperature and humidity	0°C to 40°C (32°F to 104°F), 90% maximum humidity.
Dimensions	148 (W) $\times$ 46.5 (H) $\times$ 125 (D) mm (5.8 $\times$ 1.8 $\times$ 4.9 inches)
Weight	Approximately 550 g (19-3/8 oz) (without battery nor floppy disk)

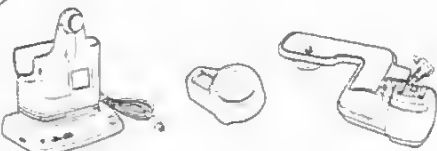
Subject to change without notice.

# Standard Accessories



- **Accessory kit AK-C56R**

AC Coupler AR-560  
Wireless Controller WL-C39  
Pin-Scart Cable KE-P21

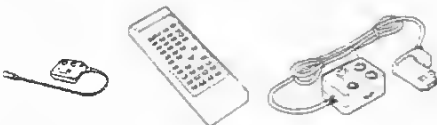


- **Film Adapter FA-C57**
- **Wide Converter WC-5728**
- **Flash Bracket FB-C57**



- **Power Pack PP-A8**

Supplies electric power for your camera from 8AA batteries. Supports taking approximately 1500 pictures (with 25% flash use) or about 1.5 hour (interval playback) 3.5 hour (one image playback) of playback, at normal temperatures.



- **RF Unit RF-302**
- **Wireless Controller WL-C39**
- **AC Coupler AR-260**



- **System Bag SB-C57**

Holds the RC-560 kit and accessories.



- **Pin Cable KE-PIN**
- **S Cable KE-SS**
- **Pin Scart Cable KE-P21**

## Appendix





**CANON INC.** 7-1, Nishi-Shinjuku 2-Chome, Shinjuku-ku, Tokyo 163, Japan  
Mailing address: P.O.Box 5050, Dai-ichi Seimei Building, Tokyo 163, Japan

**CANON EUROPA N.V.**

P.O.Box 2262, 1180 EG Amesfoort, The Netherlands

**CANON PHOTO VIDEO FRANCE S.A.**

"LE DOUBLON" 11 Avenue Duclonnet 92407 Courbevoie, Cedex, France

**CANON FRANCE S.A., S.P.A.**

Centre d'Affaires, Paris-Nord, 33154 Le Blanc Mesnil Cedex, France

**CANON U.K. LIMITED**

Photo Division, Brent Trading Centre, North Circular Road, Neasden, London NW10 0JF, United Kingdom

**CANON U.K. LTD.**

Canon House, Manor Road, Wallington, Surrey, SM6 0AU, United Kingdom

**CANON EURO-PHOTO GmbH**

Siemensring 90-92, 4156 Witten 1, Deutschland

**CANON ITALIA S.p.A.**

Divisione Foto Video, Via Mecenate 90, 20138 Milano, Italia

**CANON S.A./A.G.**

Industriestrasse 9, 5432 Neuenhof, Suisse

**CANON BUSINESS MACHINES NEOERLAND B.V.**

Neptunusstraat 1, 2132 JA Hoofddorp, Nederland

**CANON BUSINESS MACHINES BELGIUM N.V./S.A.**

Bessenveldstraat 7, 1831 Diegem

**CANON GmbH HIGH TECH SYSTEMS**

Zetschgasse 11, 1232 Wien, Österreich

**CANON ESPAÑA S.A.**

c/Josquin Costa, 41, 28002 Madrid, España

**CANON SVENSKA AB**

Stensåtravägen 13, S-121 33 Skarholmen, Sverige

**OY CANON Ab**

Korhennitie 3, 00380 Helsinki, Suomi

**CANON A.S.**

Postboks 4, 1476 Rasta, Norge

**PRINCO A/S**

Produktionsvej 23, 2600 Glostrup, Danmark

**NEW TRONIC SCANDINAVIA A/S**

Ellekær 1, DK-2730 Hørv, Danmark

**CANON HONG KONG TRADING CO., LTD.**

10/F Mirror Tower, 61 Mody Road, Tsimshatsui East, Kowloon, Hong Kong

**CANON SINGAPORE PTE. LTD.**

95 South Bridge Road #13-01/15, Pidemco Centre, Singapore 0105

**CANON AUSTRALIA PTY. LTD.**

1 Thomas Holt Drive, North Ryde, N.S.W. 2113

**CANON NEW ZEALAND LTD.**

Suite 4, 2nd Floor, Asda Plaza, Fred Thomas Drive, P.O. Box 33-336, Takapuna, Auckland, New Zealand